Oil, Paint and Drug Reporter

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Volume 131 FEBRUARY 8, 1937 Number 6

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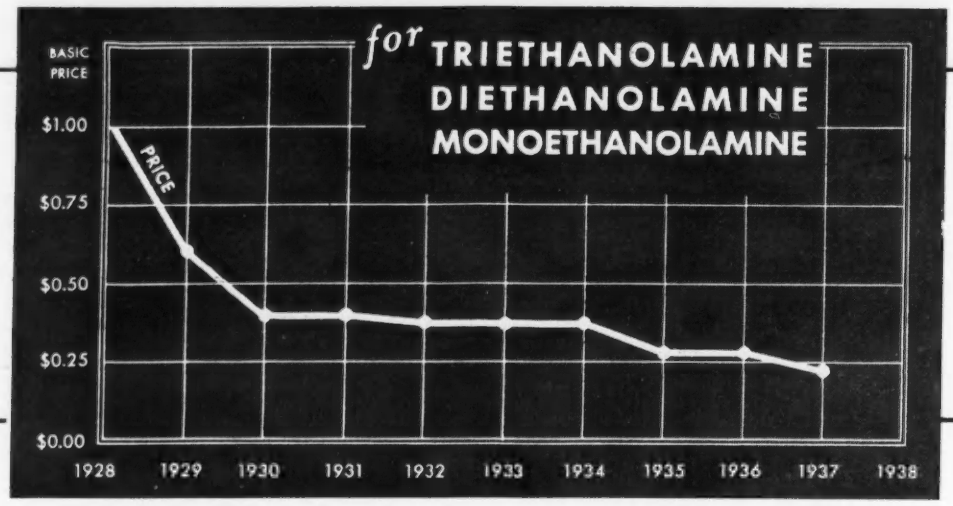

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Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 131 FEBRUARY 8, 1937 Number 6

RECEIVED FEB 8 1937 LIBRARY THE DRUGGISTS BLDG

Chemicals Studied For Insect Control

Phenothiazin and Nicotine with Clay Show Promise in Fruit Spraying

Out of the thousand or so potential insecticides that have come from the chemists' test tubes in the last few years, three or four now show definite promise. None of them, however, can yet be recommended for general use. Further work must be done to iron out certain difficulties in the economical manufacture or practical application of each, according to Lee A. Strong, chief of the Bureau of Entomology and Plant Quarantine, United States Department of Agriculture.

The most promising of the department's newest insecticide discoveries, Mr. Strong says, is phenothiazin that is easily prepared by combining diphenylamine and sulphur. After preliminary tests in the laboratory had shown that it killed the larvae of mosquitoes and of the codling moth exposed to it, phenothiazin was taken out into the field for a limited trial. When it gave promise in these small-scale tests, it was put through a course of large-scale field tests. The results of these tests, though in the main highly encouraging in the Northwest, show the need for more study.

The chief advantages of phenothiazin are that it keeps down the number of stings made on fruit by the worms, and that the residue it leaves is less likely than lead or arsenic to injure human consumers of the treated food products. The main obstacle to its widespread use is its effect on the skin of those who handle it. Many orchard men, particularly sprayers, using it are afflicted with what looks and feels like a severe sunburn. Sometimes also apples treated with phenothiazin are paler than untreated fruit.

Nicotine-Bentonite Spray

Another possible substitute for lead arsenate suggested by the chemists is nicotine in a form that will stick on fruit and foliage long enough to accomplish its purpose. Because of the quick vaporization of nicotine in combination with soap, bordeaux mixture, or lime-sulphur, these combinations are worthless against the codling moth which must be made to swallow its dose of cold poison. To get a nicotine compound that will remain poisonous for some time, chemists have mixed bentonite with a salt of nicotine, such as the sulphate, dissolved in water. Sprayed on foliage, this suspension of nicotine eventually dries to a fine dust that kills the larvae of the codling moth feeding there. Nicotine-bentonite combinations, Mr. Strong says, would seem to be particularly useful in spraying early apples, which do not call for a very large number of applications of an insecticide and do not stand washing for spray residue removal as well as the firmer winter varieties.

Results with mixtures of nicotine sulphate in oil emulsions have been highly encouraging in the apple-growing regions of the Pacific Northwest and fairly encouraging in the Middle West and East. In the regular spray schedule, however, these mixtures are open to objection on several points. Sulphur fungicides cannot be used with them; too many applications may injure foliage; lead arsenate residues cannot be so readily removed if nicotine and oil have been used in part of the season; and last, but perhaps not least, nicotine treatments are expensive.

Pyrethrum and Rotenone

Still under investigation by the department are pyrethrum and the rotenone-bearing plants. The chemists are now trying—so far without success—to work out a way to synthesize the insecticidal principles of pyrethrum. The recent discovery that the formulas for these principles heretofore accepted are in-

(Continued on page 24)

Wage-Leveling by Tax Proposed

MacFarlane Bill in Congress Would Lay Excise on Paying of Less Than 50c. an Hour

WASHINGTON, Feb. 4, 1937.

A proposal to force industry to pay minimum wages of 50 cents an hour throughout the country is incorporated in a bill (H.R. 4100) introduced in the house by Representative W. D. MacFarlane of Texas.

The bill, which its author has entitled the "Sweatshop Labor Tax of 1937," would impose an excise tax on the employment of every person paid wages of less than 50 cents an hour. A graduated tax is provided on wages of less than 50 cents an hour, starting with 12 percent of wages paid to all persons earning between 45 cents and 50 cents an hour, and rising to 66⅔ percent of wages paid to persons at the rate of between 30 cents and 35 cents an hour. On wages less than 30 cents an hour the tax would be equal to the difference between the wages paid and 50 cents an hour.

The tax would be applicable to all employers except those not operating a mine, quarry, mill, cannery, workshop, factory, or manufacturing establishment, and who do not regularly employ more than five individuals during the major portion of any taxable year.

Painters' Registration Opposed by N.P.V.L.A.

Bills of the long-familiar type, requiring technical examination and registration of contracting and journeymen painters, have been introduced in the legislatures of Minnesota and North Dakota. The Minnesota bill is No. 267 in the House, introduced by Representative Ettell. The North Dakota measure is No. 68 in the House, sponsored by Representatives Goodwin and Stray.

The legislative committee of the National Paint, Varnish and Lacquer Association, through William J. Pitt, vice-chairman, has sent letters in opposition to these bills to the members of the two legislative houses. It has also sent a telegram in opposition to the chairman of the general legislation committee in the Minnesota House.

The proposed legislation is assailed as unsound, of obvious injury to the public interest, and purposing regulation of a harmless business. The committee declares that there is no public demand for the legislation, and concludes its letters with the following paragraph:—

For the protection of the people of Minnesota [North Dakota] and to permit them to properly maintain their property, which is the standing wealth of the State, without restraint by any self-interested class, we earnestly hope that you can see your way clear to vote against the passage of such extremely harmful legislation.

Alcohol Denaturants Improvement Planned

WASHINGTON, Feb. 3, 1937.

The technical committee of the Industrial Alcohol Institute met here today with Herbert J. Wollner, consulting chemist to the Secretary of the Treasury, and the technical staff of the Bureau of Internal Revenue. The conference discussed general problems relating to denatured alcohol, both completely and specially denatured, and agreed to co-operate and exchange views on methods of improving denaturants.

Fair Trade Legislation Endorsed by N.H.C.A.

WASHINGTON, Feb. 4, 1937.

Hearings on the Miller resale-price-maintenance bill, H.R. 1611, have been concluded by a subcommittee of the house judiciary committee, with the receipt of briefs and statements from several persons who were unable to testify during the formal hearings last week. These statements will be printed with the transcript, and as soon as printed copies are available the subcommittee will meet in executive session to consider the bill. A favorable report is expected in the near future.

An endorsement of the bill was filed today by the National Hairdressers and Cosmetologists Association through Eugene C. Brokmeyer, its Washington counsel. His statement declared, in part:—

Operators of beauty parlors and their patrons, estimated to be approximately 750,000 women daily, will and should be protected against predatory price-cutting, which inevitably results in the conduct of these establishments by irresponsible persons. They do not remain in business long, but while they survive they seriously injure dependable and efficient beauty parlors and not infrequently drive them out of business.

"A properly regulated system of price-maintenance on identified merchandise made and sold under competitive conditions puts the emphasis in competition upon quality and service, while at the same time it provides for the public adequate protection against extortion. Price-maintenance under these conditions preserves the social advantage of an adequate incentive to invent and devise new products. Price maintenance under these conditions serves to prevent monopolistic control of production processes by powerful distributors." [Extract from the report of the special committee on maintenance of resale prices of the Chamber of Commerce of the United States, April 1, 1916.]

Operators of beauty parlors, in a majority of cases, are not retailers of merchandise, as they purchase their supplies for use in rendering service to the public. Nevertheless in serving the public they must make a charge and this charge is based upon the cost of supplies together

(Continued on page 29)

Flood Zone Companies Report Status

Chemical, Oil, and Drug Houses Resuming Business Gradually —Some Will Be Delayed for Week or More

Receding waters, reported all along the Ohio-Mississippi flood zone, have set the various communities to the work of cleaning up the debris, restoring power and light service, reopening and reconditioning manufacturing plants and business houses, and reviving transportation. Aside from the large emergency funds raised by private and group contributions, and assistance of every kind sent into the areas, numerous aids have been offered to various business lines, particularly in the chemical, oil, and drug and allied field, to enable crippled houses to resume business. As an instance, Dr. William E. Weiss, general manager of Sterling Products, Inc., has announced that all merchandise manufactured by the company and its affiliates that was damaged in drug stores in the flood area would be replaced without cost to the druggists. Among the products in

(Continued on page 46)

Advisory Council Adopts Program

Labor, Housing, Government-Business Relations Included —Harriman Chairman

WASHINGTON, Feb. 4, 1937.

Continued studies of means for improving economic conditions and of bettering the relationship between business and government have been adopted as its 1937 program by the Business Advisory Council of the Department of Commerce.

W. Averill Harriman, chairman of the board of the Union Pacific Railroad, was elected chairman of the council for the year, succeeding George H. Mead, of the Mead Corporation, Dayton, Ohio. Mr. Harriman is a charter member of the council and formerly served as adviser and Assistant Administrator of the National Recovery Administration.

Vice-chairmen elected were Charles A. Cannon, of the Cannon Mills Company, Kannapolis, N. C.; Clarence Francis, of the General Foods Corporation, New York; de Lancy Kountze, of the Devoe & Raynolds Company, New York.

The program for the year includes the following subjects:—

1. Promotion of employment in line with the report recently made to the President by the Council on this subject.

2. Co-operation in safeguarding and promoting a wisely engineered housing program for the nation, encouraging in every way possible local enterprise to meet local needs.

3. Forwarding the policy of broad international trade through the reciprocal trade program, as a means to peace and in the interest of our economy.

4. Expansion and improvement of transportation and communication facilities, especially between this country and Latin America, and the promotion of further exchange of visits as illustrated by the Buenos Aires Conference and the return visit of representatives of the Latin American countries. This would include the study of ways and means of safely developing air commerce.

5. Procedures for cooperating with other agencies in working out constructive plans for solving labor disturbances in order to avoid losses to employees and in production.

6. Cooperation with the Department of Commerce in developing its Industrial Economics Unit, for which an initial appropriation has been approved by the budget and the President, and study of responsibilities for carrying out sound principles of NRA for the protection of good business and the public against chiselers.

7. Responsibility of business in training workers according to their aptitudes and needs of respective industries.

8. Study of the governmental reorganization program as submitted to the Congress by the President looking to the effective reorganization of the executive branch.

9. The promotion of endeavors to reduce accidents on highways, on the seas, and in the air.

F.W.D.A. Will Meet February 17-19 in N.Y.

The midwinter meeting of the Federal Wholesale Druggists Association will be held February 17 to 19 in the Waldorf-Astoria, this city.

The first day will be devoted to a joint meeting of the active (cooperative wholesaling) and associate (manufacturing) members for the discussion of trade relations. At this meeting the chair will be occupied by Turner F. Currens, of the Norwich Pharmacal Company, who is chairman of the associate membership group.

Business matters will be discussed on the other two days, the sessions being closed to all but active members of the association. At these sessions L. E. Seiberlich, president of the association, will preside.

Closing Market Developments

London Closing Cable

LONDON, Feb. 5, 1937.

Quotations on quicksilver were nominal at £14 5s. 6d. per flask.

Paraffin Wax Strong

Local sellers of crude scale paraffin wax reported sales at 2.70c. per pound for 122-124 A.m.p. and 2¾c. for 124-126 melting point. One sale for forward delivery was reported at 2.80c. per pound.

Tin Salts Lower

Prices for tin crystals were lower at 37½c. to 38c. per pound, and soda stannate was 33c. to 36c. per pound, according to quantity. Anhydrous tetrachloride of tin was reduced ½c. per pound Friday to 25½c. per pound. Lower prices were attributed to a decline in Straits tin to 49.95c. to 50c. per pound.

Linseed Oil Easier

Linseed oil was easier late last week, one crusher announcing a reduction in prices on Friday to 9.3c. per pound in tankcars. Trade remained quiet.

Ohio Gasoline Up

Tankwagon gasoline prices advanced ½c. per gallon throughout Ohio, Saturday.

Trade News Briefs

G. H. Tomlinson, manager of the New York branch of the Archer-Daniels-Midland Co., linseed crusher, Minneapolis, is enjoying a vacation in Florida.

Swan-Finch Oil Corporation reports the removal of its executive offices and New York sales office to 30 Rockefeller Plaza, as of January 30. Telephone Columbus 5-3666.

Hilo Varnish Company reports the transfer of Al. R. Calco to Eastern New York industrial sales, and H. M. Lindau to Western New York industrial sales. Both men have been advanced from the Hilo laboratory.

Mentholatum Company, with headquarters in Wichita, Kans., has arranged to move to Wilmington, Del., where a two-story building, 100 feet by 40 feet, will be erected. It is expected that 150 employees will be put to work immediately. The company also has an office and factory in Buffalo, and other factories in Fort Erie, Canada, and Slough, England.

Howard Doggett, of the firm of Stanley Doggett, Inc., colors, this city, has returned from a brief vacation in Bermuda and the West Indies.

Arthur L. Somers, formerly in the Chicago office of Fred L. Lavanburg Company, dry colors, is now stationed at the head office of the company, this city.

Cinchona Cultivation Meets Difficulties in Philippines

With the view of developing a domestic source of malarial medicine the Forestry Department of the Philippines began experiments with cinchona cultivation in 1927 and now has under its care about 39,000 trees varying in age from two to seven years and 110,000 seedlings from two to six months old, according to reports from the trade commissioner at Manila to the Department of Commerce.

The majority of the older trees are said to be bearing fruit, and to date approximately 10 metric tons of bark have been harvested and forwarded to the Philippine Bureau of Science where it is being used for the manufacture of totaquina, a Philippine medicine for the treatment of malarial fever, the report states.

Experiments with the cultivation of cinchona have met with varying degrees of success in the Philippines. In 1927 950 acres of land in the Province of Bukidnonn were set aside for the purpose. Approximately 2½ acres planted at that time proved to be successful and the reservation was extended to 5,000 acres. Plantings were gradually extended until some 88,000 trees were under cultivation but as a result of disease and lack of attention a large number of the trees died or were thinned out. At present the reservation is being attacked by several plant diseases, and it is feared that the same disease which completely destroyed the Philippine coffee industry may return and wipe out the cinchona trees. The officer in charge is of the opinion that the present blight is caused by unfavorable soil conditions in certain patches and he has suggested planting at higher altitudes.

Wax Importers Elect Leary

At the annual meeting of the New York Wax Importers' Association, January 19 at the New York Athletic Club, this city, the following were re-elected officers to serve during the ensuing year:—President, W. F. Leary, of William Allison & Co.; vice-presidents, E. Strahl, of Strahl & Pitsch; treasurer, R. E. Sievert, of the Frank B. Ross Company; and secretary, Charles Christman, of Smith & Nichols.

Chemical Prices Moved Upward

Advances were more numerous than reductions among price changes made last week in the markets for heavy and fine chemicals; they also had greater weight, and the general average was fractionally increased. Demand in general was bettering, without including the current call resulting from flood conditions, which more than compensated for the curtailment caused by the automobile strike. Supplies of coaltar disinfectant bases were substantially shortened. Pharmaceuticals normally seasonal and those needed in the flooded areas were moving in large volumes.

Higher prices were quoted on trisodium phosphate (l.c.l.), stannate of soda, tin crystals, glycerin (quotations were nominal), arecoline hydrobromide, podophyllin, a few Manila and Singapore copals, and imported steamed bone, also on steamed bone and bonemeal at Chicago. Quotations were lower on oxide of tin (price basis differs from that of other tin salts), oxalate of ammonia, silica, domestic tankage, and domestic and imported dried blood.

The REPORTER's composite index number of prices for heavy and fine chemicals was not appreciably changed from 125.8 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 89.1 against 88.7 at this time last year.

Contents of This Issue

News and Statistics

Advisory Council Adopts Program. 3
Alcohol Denaturants Improvement Planned 3
Acids Output in 1935 31 Percent Above 1933..... 5
Chemicals Studied for Insect Control 3
Cinchona Cultivation Meets Difficulties in Philippines..... 4
Drug Bill Handlers Named by Copeland 5
Flood Zone Companies Report Status 3
F.W.D.A. Will Meet February 17 to 19..... 3
Fair Trade Legislation Endorsed by N. H. C. A..... 3
General Dyestuff Corp. Shows New Home 5
Housing Act Extension for Repairs Advocated 5
Kline Injured..... 31
National Steel Barrel Offers New 5-Gal. Pail..... 31
Oil Lands of U. S. to Be Auctioned in New Mexico..... 5
Painters Registration Opposed by N.P.V.L.A. 3
Petroleum Production..... 50
Petroleum Market Status..... 49
Southern Federation to Convene February 26-27..... 5
Schrenk Named Chief Chemist of Bureau of Mines Division..... 5
Shellac Importers Elect Rowe..... 58
U. S. Revenue: December..... 4
U. S. Royalty Oil Bids Called for February 15..... 5
Wage Leveling by Tax Proposed.... 3

General Features

Advertisers' Index..... 59
Bids Wanted..... 29
Chemical Price Trends..... 4
Classified Advertisements..... 58
Closing Market Developments.... 4
Contracts Awarded..... —
Corporation Earnings..... —
Dividends Declared..... —
Editorials 22
Foreign Tariff Notes..... 4
Foreign Trade Openings..... —
Industrial Uses of Chemicals..... 30
Obituaries 48
Prices Current..... 7
Scientific, Professional Services.. 52
Some New Books..... —
Trade-Names and Brand-Names.. 21
Trade News Briefs..... 4
What You Can Use..... 44
Where You Can Sell..... 30

Market Reports

Botanical Drugs, Spices, Gums... 45
Coaltar Chemicals..... 28
Drugs and Fine Chemicals..... 41
Dyestuffs and Texile and Leather Chemicals..... 31
Essential Oils and Aromatics.... 47
Fertilizer Materials..... 51
Heavy Chemicals..... 25
Oils, Fats and Waxes..... 37
Paint, Varnish, Lacquer Materials 33
Petroleum Solvents, Lubricants, Fuels 49

Shipping Information

Cargo Ship Arrivals..... 57
Charters 57
Coastwise Shipments 57
Exports 55
Imports 53
Imports Detained 57

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Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Accelerators:—France has established separate classifications in the import tariff for vulcanization accelerators.

Barium Sulphate: — Czechoslovakia has made barium sulphate subject to a turnover tax of 3 percent of the duty-paid value.

Calcium Tartrate: — Czechoslovakia has exempted calcium tartrate from the turnover tax of 3 percent of duty-paid value.

Coaltar Dyes, Unspecified:—Czechoslovakia has made unspecified coaltar dyes subject to a turnover tax of 1½ percent of the duty-paid value.

Coconut Oil:—Panama has reduced the rate of duty on refined coconut oil from 10 cents to 5 cents per gross kilo.

Combustible Gases:—Venezuela has added to the free list natural combustible gases, formerly dutiable at 0.02 bolivar per gross kilo.

Dyes, Prepared: — French Indochina now permits the importation of prepared dyes of foreign origin only through the customs offices of Haiphong, Hanoi, and Saigon.

Gasoline:—Haiti has increased the duty on imported gasoline from 0.60 gourde to 0.65 gourde per gallon of 3.7853 liters. Stocks of gasoline on hand, in quantities of 250 gallons or more, are also subject to a tax of the same amount as the increase in import duty.

Glycerophosphates: — Czechoslovakia has made glycerophosphates subject to a turnover tax of 3 percent of the duty-paid value.

Olive Oil:—Italy has established a temporary duty of 150 lire per 100 kilos on exports of olive oil, effective January 28.

Tartar Emetic: — Czechoslovakia has made tartar emetic subject to a turnover tax of 3 percent of the duty-paid value.

Toilet Preparations:—Venezuela has extended to the United States the same reduced duty concessions on toilet preparations as accorded to specified classes of French goods under the Franco-Venezuelan commercial agreement of August 7 last.

Tonka Beans:—Venezuela has imposed a duty of 10 percent ad valorem on the exportation of all tonka beans which have not been effectively treated with locally produced alcohol.

Whale Oils:—Czechoslovakia has removed the exchange permit requirements from imports of whale oils, effective January 1.

U.S. Revenue: December

Collection of excise taxes by the Bureau of Internal Revenue, Washington, for December, 1936, compared with December, 1935, as follows:—

Taxes Collected

	December 1936.	December 1935.
Chewing gum.....	$71,463.37	$68,964.75
Crude petroleum, processed, etc...	70,113.98	63,000.62
Coconut, etc., oils, processed	2,854,703.45	2,598,241.32
Distilled spirits, domestic, excise tax $2 per gallon	27,971,207.90	20,287,541.12
Distilled spirits, imported, excise tax $2 per gallon	4,923,721.95	1,377,396.70
Distilled spirits, rectification tax, 30c. per proof gallon	1,513,204.40	899,335.73
Gasoline	16,483,458.20	11,982,684.63
Lubricating oils..	2,541,159.66	1,873,850.36
Matches	400,025.42	524,944.78
Narcotics, including special taxes	23,022.07	17,749.14
Oleomargarin, excise taxes.....	103,692.55	87,904.35
Oleomargarin, special taxes.....	20,593.53	27,413.92
Toilet preparations—		
At 5 percent....	559,936.93	414,142.38
At 10 percent...	1,246,488.83	827,609.35
Transportation of oil by pipeline..	903,580.24	592,568.49
Total internal revenue	$478,632,854.13	$367,515,509.14

Quantities Taxed

	December 1936.	December 1935.
Distilled spirits, domestic, tax gallons.....	13,979,042	10,137,800
Distilled spirits, imported, tax gallons.....	2,461,861	688,698
Distilled spirits, rectified, proof gallons.....	5,044,015	2,997,786
Oleomargarin, colored, pounds	67,144	59,264
Oleomargarin, uncolored, pounds	38,738,700	32,771,720

Southern Federation to Convene February 26-27

Program Arranged for Meeting Of Paint Associates In Atlanta

More than 100 paint and varnish production men are expected to attend the third annual meeting of the Southern Federation Associates, in the Hotel Ansley, Atlanta, Ga., February 26 and 27. E. L. Gott, of the Gilman Paint & Varnish Company, Chattanooga, will be chairman of the meeting. He extends a cordial invitation to all paint and varnish production men to attend, and urges them to notify him as soon as possible of their intention to be present. The Southern group is made up of men from Virginia, North Carolina, South Carolina, Georgia, Florida, Tennessee, Mississippi, Alabama, Louisiana, and Texas. Approximately sixty of these are counted on to participate, while visitors from the North and other sections are expected to swell the attendance.

Plans for the sessions have been completed and call for a series of technical talks, and a round table discussion. On the entertainment side, there will be the annual banquet the first evening, social features, and a bowling tournament.

The tentative program follows:—

Friday, February 26

Morning and Afternoon

8:30 to 9:00 a.m.—Registration.

Address:—"Inert Extenders," by C. J. O'Neill, of the Johns-Manville Corporation.

Paper:—By Dr. H. A. Gardner, of the Institute of Paint and Varnish Research, Washington.

Address:—"Special Primers Formulated with Titanox Pigments," by D. W. Robertson, general sales engineer, Titanium Pigment Corporation, New York.

Address:—"Fish Oil Facts Worth Knowing," by L. J. Reizenstein, of Falk & Co., Pittsburgh.

Address:—"Manufacture of Synthetic Iron Oxides and Their Characteristics," by K. E. Burgess, of the Magnetic Pigment Company, New York.

Address:—"Are Special Primers the Only Answer?" by S. Werthan, of the New Jersey Zinc Company, Palmerton, Penna.

Address:—"Progress of Oils," by Dr. Alexander Schwarcman, of Spencer Kellogg & Sons Co., Buffalo.

Presentation:—"A Talking Picture Edition of By-Gum," by Dr. Wilhelm Krumbhaar, of Beck, Koller & Co., Detroit.

Evening

Banquet, Election of Officers and Entertainment.

Saturday, February 27

Morning

Round Table Forum:—For the Southern Federation Paint and Varnish Production Men.

Discussion:—On "The Problem of Repainting Mildewed Surfaces," led by A. P. Mills, of the DeSoto Paint & Varnish Company.

Discussion:—On "Some Further Comments on the Formulation and Use of House Paint Primers on Southern Yellow Pine," led by Raymond Perry, of the Warren Paint & Color Company.

Discussion:—On "Some Observations on Exterior House Paint Primers," led by E. M. Fairbrother, of the Mobile Paint Manufacturing Company.

Discussion of miscellaneous questions proposed by the Southern Federation Associates.

Afternoon

Entertainment and bowling tournament.

Schrenk Named Chief Chemist Of Bureau of Mines Division

Dr. Helmuth H. Schrenk has been appointed chief chemist of the health division of the United States Bureau of Mines, according to Dr. John W. Finch, director of the bureau. He succeeds William P. Yant, resigned, and will have his headquarters at the Pittsburgh experiment station.

Dr. Schrenk is a native of Illinois, and attended the University of Wisconsin, where he specialized in chemistry and toxicology, and received his Ph.D. degree. He was assistant state taxicologist of Wisconsin from 1923 to 1928, in which year he went to the Pittsburgh experiment station. Since September 1936 he has been acting chief chemist of the health division of the Bureau of Mines and has had charge of additional research.

Drug Bill Handlers Named by Copeland

WASHINGTON, Feb. 4.

Chairman Royal S. Copeland of the senate committee on commerce today appointed a subcommittee to handle his bill, S.5, revising the food and drugs act.

The subcommittee consists of Senator Copeland as chairman, and Senators Josiah D. Bailey of North Carolina, Hattie W. Caraway of Arkansas, Bennett Champ Clark of Missouri, Charles L. McNary of Oregon, Arthur W. Vandenberg of Michigan, and Ernest W. Gibson of Vermont.

The group held a brief conference on the bill today, but did not decide on arrangements for holding hearings.

Oil Lands of U.S. to Be Auctioned in New Mexico

The General Land Office, Department of the Interior, announces that a public auction sale of oil and gas leases for land in the State of New Mexico will be held February 23, at 10 a. m., in the United States Land Office, Las Cruces, New Mexico.

Leases on a total of 480 acres will be sold; 40 acres in the Grayburg oil field, and the remainder in the Robinson field. The leases will be sold to the responsible qualified bidder of the highest bonus per acre. The minimum bid which will be accepted is $25 per acre for land in the Grayburg field and $1.25 per acre for the Robinson field land.

Acids Output in 1935 31 Percent Above 1933

Production of acids in the United States in 1935 increased largely over that for 1933, the combined value of the 1935 output reaching a total of $72,687,052 compared with $55,486,741, according to a preliminary report of the Bureau of the Census, compiled from data collected in the biennial census of manufactures. Of the 1935 total, which does not include the value of acids made and consumed in further manufacturing processes in the same plants, nearly three-fifths was contributed by sulphuric acid and acetic acid, $31,907,806 and $9,945,243, respectively.

Comparative statistics for the two years follow:—

	1935.	1933.
Acids, total value	$72,687,052	$55,486,741
Acetic (basis 100%)[1]—		
Pounds	98,697,347	65,150,478
Value	$9,945,243	$4,302,881
Boric (boracic)—		
Pounds	28,506,000	21,612,634
Value	$1,237,555	$844,564
Carbonic (carbon dioxide), liquid and solid—		
Pounds	[2]86,986,431	[2]117,382,256
Value	$4,011,956	$4,466,461
Chromic—		
Pounds	6,724,304	4,969,047
Value	$887,842	$537,378
Citric—		
Pounds[3]	10,493,068	5,695,793
Value	$2,768,377	$1,795,382
Hydrochloric—		
Total production (basis 100%), tons	87,090	62,628
Made and consumed in same establishments, tons	32,201	17,733
For sale—		
Tons	54,889	44,895
Value	$3,048,159	$2,386,790
From salt—		
Tons	47,098	
Value	$2,656,028	
From chlorine—		
Tons	3,229	[4].....
Value	$203,898	
By-product and other—		
Tons	4,562	
Value	$188,733	

(Continued on page 24)

General Dyestuff Corp. Shows New Home

Representatives of Chemical and Processing Industrial Press Are Guests for Tour of Inspection

Some twenty-five representatives of the chemical and chemical processing trade press were guests, February 3, of the General Dyestuff Corporation in an inspection of the company's new laboratories, offices and warehouses at 435 Hudson street, this city. Following the tour of the company's building, the visitors were guests of executives of the company in the Hotel Lafayette.

The guests were received in one of the executive offices by E. K. Halbach, president of the General Dyestuff Corporation, and were told briefly of the purposes of the company's laboratories by W. H. Cotton. Mr. Cotton explained the need for laboratory research and supervision in order that industrial consumers of the company's dyestuffs and related chemicals in the manufacture and finishing of textiles, leather, paper, and other articles, might be assured that the materials they received were in full keeping with samples that had been submitted. He told also of the work required to determine with full satisfaction a dyestuff suitable for a consumer's particular needs and adaptable to his processes.

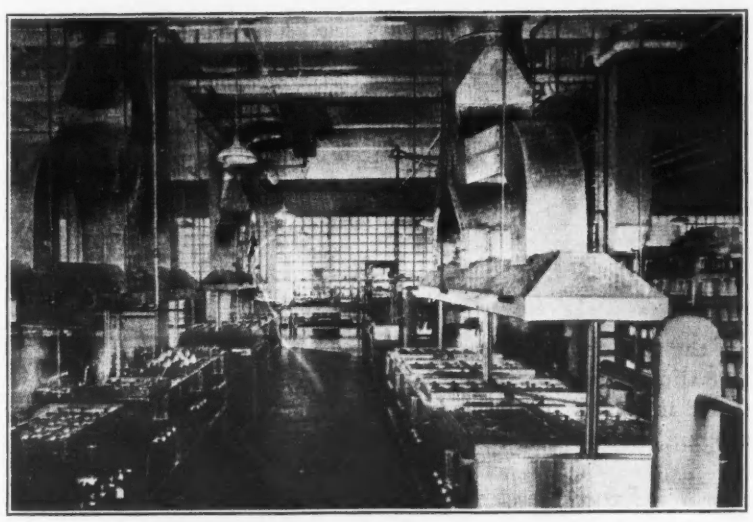
In addition, Mr. Cotton said, laboratory work is required for the perfecting of processes in which dyestuffs are used, particularly with respect to new materials. He told also how laboratory work was applied to evaluate new discoveries in the field of dyes, to match desired shades, to assure permanency of dyeing, and to meet other of the many problems with which the dyer of textiles, leather, paper, and other articles is continuously confronted.

The facilities of General Dyestuff Corporation's laboratories are offered fully to industrial consumers of dyestuffs and related chemicals. Experts from the company's staffs are at the service of consumers in connection with the application of laboratory data to actual mill operations.

Mr. Cotton and H. E. Hager acted as guides for the two groups into which the visitors were divided for the inspection tour of the laboratories. The guides explained the many operations in progress, as the different departments were visited. Something like 150 persons were busily engaged in carrying on these operations.

In the textile laboratory the application of dyestuffs, mercerizing agents, and other chemicals are carried on in apparatus duplicating mill equipment on a small scale. Fabrics and yarns of

(Continued on page 44)



In the General Dyestuff Textile Laboratory

Housing Act Extension For Repairs Advocated

Building and Banking Interests Ask FHA to Recommend Title I Be Retained

WASHINGTON, Feb. 3, 1937.

Better opportunities were asked for the average home-owner needing funds for repairing and modernizing his property, in a presentation today by representatives of building and banking interests to Stewart McDonald, Federal Housing Administration. Mr. McDonald has under consideration various arguments by these groups asking his support in recommending to Congress the extension of the national housing act which otherwise will expire April 1.

After consulting with officials of the Federal Housing Administration, the delegation, comprising leading manufacturers, bankers, and trade association executives interested in the financing of housing plans, called on Senator Robert Wagner, chairman of the senate banking and currency committee. Senator Wagner expressed interest in the continuation of title I of the housing act, saying that the job of fixing up the houses of the nation's people has by no means been completed. He agreed that extension of the governmental guaranty of house repair loans was necessary and desirable.

In support of their petition for extension of title I of the housing act the delegation presented the following arguments:—

The important influence this legislation has exercised in making credit easily available:—

Opportunity afforded by title I to make work for unemployed labor, both skilled and unskilled.

Necessity for special State legislation to permit banks to make such loans if title I expires.

Without the influence of title I, through which the government has standardized the rate of interest and provided regulations with regard to the handling of repair and modernizing loans, it seems very likely that much higher interest rates will prevail and general uncertainty in handling this type of financing will exist.

The delegation advocating the extension of title I of the housing act included:—

H. Morris, vice-president, American Builder; B. J. Johnson, editor, American Builder; Wilson Compton, secretary-manager, National Lumber Manufacturers Association; I. N. Tate, Weyerhaeuser Sales Company; E. H. Batchelder, jr., vice-president, Insulite Company; S. J. O'Connor, assistant vice-president, Insulite Company; Herbert Abraham, president, Asphalt Shingle & Roofing Institute; Spencer D. Baldwin, executive officer, National Lumber Dealers Association; H. D. Whittlesey, vice-president, Sherwin-Williams Company; J. B. Morris, vice-president, Morris Plan Industrial Bank, New York; Frank Carnahan, secretary, National Lumber Dealers Association; Joseph Birnie, executive secretary, Morris Plan Bankers' Association; A. G. Ropp, vice-president, Morris Plan Industrial Bank, Detroit; Arthur Blumeyer, president, Industrial Bank & Trust Company, St. Louis; W. F. Clucas, National Association of Master Plumbers; M. J. Beirn, vice-president, American Radiator & Standard Sanitary Corporation; Ernest T. Trigg, president, National Paint, Varnish and Lacquer Association; Laufence Kiefer, National Paint, Varnish and Lacquer Association.

U.S. Royalty Oil Bids Called for February 15

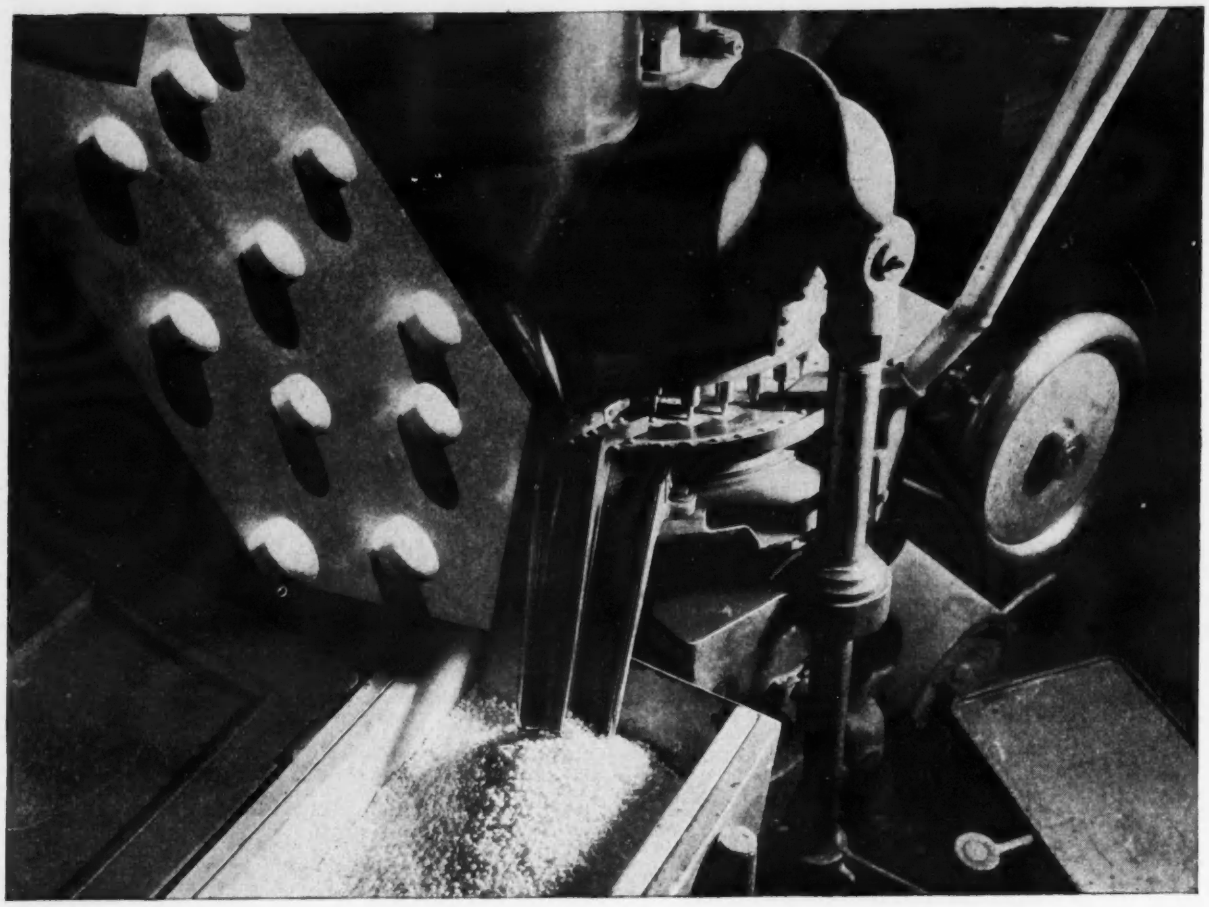
The Department of the Interior has called for bids, by noon February 15, for the purchase, for a period of three or five years, beginning April 1, next, of all royalty oil accruing to the United States from leases on government land in the Lance Creek oil field, Wyoming.

Bids are invited on two separate items:—All royalty oil for the period beginning April 1, 1937, and ending March 31, 1940; and all royalty oil for the period beginning April 1, 1937, and ending March 31, 1942.

Each bidder must submit with his bid a $750 bond or a certified or cashier's check or draft for that amount, payable to the order of the Secretary of the Interior, as a guarantee that he will, if successful, promptly execute a satisfactory contract and furnish an acceptable bond in the sum of $40,000, conditioned on a full and complete compliance with the terms of the contract.

Massey fertilizer business in Chestertown, Md., the property of the late Thomas Massey, will be sold at public auction on the premises February 18.

A Guaranty of MERCK *Purity & Reliability*



★ MERCK ★

Acid Acetylsalicylic

FOR TABLET MANUFACTURERS

These are only a few of the millions of tablets made with Merck Acid Acetylsalicylic starch granulations. They come out of tablet machines with the least possible amount of capping, sticking, splitting and pitting.

The use of this uniform and pure Merck Product makes a quickly disintegrating tablet, minimizes production difficulties and insures customer satisfaction.

Write for further information and prices.

Acid Acetylsalicylic Merck Granulated with 10% Starch (White, Green, and Pink)

Acid Acetylsalicylic Merck Granulated with 16% Starch (White)

Acid Acetylsalicylic Merck Granulated with 20% Starch (White)

MERCK & CO. Inc. *Manufacturing Chemists* RAHWAY, N. J.

New York: 161 Sixth Avenue Philadelphia: 916 Parrish Street St. Louis: 4528 S. Broadway

In Canada: Merck & Co. Ltd., Montreal and Toronto

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works.....lb. .75 - 1.00
Acetaldehyde, dms., c.l., works.lb. .14 - —
l.c.l., works.....lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works..lb. .35 - —
l.c.l., 1,000 lbs., works..lb. .43 - —
smaller lots, works.....lb. .48 - 1.00
tech., kegs, c.l., works.....lb. .32 - —
l.c.l., 1,000 lbs., works..lb. .38 - —
smaller lots, works.....lb. .43 - .75
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls., 1,000 lbs.....lb. .25 - —
smaller lots.....lb. .26 - —
kegs, 1,000 lbs.....lb. .26 - —
smaller lots.....lb. .27 - —
Acetin, tech., dms.....lb. .22 - .23
Acetoacetanilide, dms.....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .07 - —
l.c.l., dlvd.....lb. .07½- —
tanks, dlvd.....lb. .06 - —
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetphenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg.....lb. 1.35 - —
smaller pkgs.....lb. 1.32 - 1.40
Acid, abietic, bbls., c.l.....lb. .06¾- —
l.c.l. .....lb. .07 - —
Acetic, coml. or redist., 28%, bbls..100 lbs. 2.25 - —
cbys. .....100 lbs. 2.75 - —
56%, bbls.....100 lbs. 4.40 - —
cbys. .....100 lbs. 4.90 - —
70%, bbls.....100 lbs. 5.50 - —
cbys. .....100 lbs. 6.00 - —
80%, bbls.....100 lbs. 6.00 - —
cbys. .....100 lbs. 6.50 - —
glacial, nat., CP., cbys.100 lbs.14.00 - —
com'l., nat., bbls., c.l., 100 lbs. 8.00 - —
cbys. .....100 lbs. 8.50 - —
99.5%, nat., bbls., c.l., 100 lbs. 8.43 - —
cbys. .....100 lbs. 8.93 - —
syn., al. dms., c.l.100 lbs. 8.43 - —
cbys. .....100 lbs. 8.93 - —
USP., reagent, 99.8%, al. dms..100 lbs.10.50 - —
cbys. .....100 lbs.11.00 - —
pure, 30%, bbls., c.l...100 lbs. 3.52 - —
cbys. .....100 lbs. 3.92 - —
36%, bbls., c.l.....100 lbs. 3.95 - —
cbys. .....100 lbs. 4.45 - —
60%, bbls., c.l.....100 lbs. 6.63 - —
cbys. .....100 lbs. 7.13 - —
80%, bbls., c.l.....100 lbs. 8.32 - —
cbys. .....100 lbs. 8.82 - —

Acetic acid prices for commercial or redistilled are for any quantity; l.c.l. prices for other grades are uniformly 25c. per 100 lbs. higher than c.l. prices.

Acetic, anhydride, dms., c.l..lb. .13 - —
l.c.l., dms., cbys.....lb. .14 - .15
Acetylsalicylic, USP, bbls, 225 lbs..lb. .55 - —
boxes, 25 lbs.....lb. .56 - —
kegs, 100 lbs.....lb. .55 - —
Anthranilic, refd., bbls.....lb. .85 - .90
tech., bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Battery, cbys, c.l. E. works 100 lbs. 1.35 - 1.50
25 cbys or more, E. works. 100 lbs. 1.60 - 1.75
10-24 cbys.....100 lbs. 1.75 - 1.90
1-9 cbys .....100 lbs. 2.35 - 2.50
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .42 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .60
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd.....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd.....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd.....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd.....ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -125.00

USP., $25 per ton higher.

Broenner's, bbls.....lb. 1.11 - —
Butyric, 95%, w.w., cbys.,works, lb. .28 - .35
edible, cbys., works.....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cans.....lb. 5.50 - 5.70
Capric, dms.....lb. .19½- .20
Caproic, cans.....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .16 - .16½
Chicago, bbls.....lb. 2.10 - —
Chlorosulphonic, dms., c.l., works..lb. .03½- —
5 drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., bbls.....lb. .25 - —
kegs .....lb. .25½- —
gran., bbls.....lb. .25 - —
kegs .....lb. .25½- —
powd., bbls.....lb. .25½- —
anhyd., gran., dms.....lb. .27½- —
powd., dms.....lb. .28 - —

Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.

Acid, Cleve's, bbls.....lb. .50 - —
Cottonseed oil, dms.....lb. .09½- .10¾
Cresylic, high-boil, dms., c.l., works, frt. equaled..gal. .72 - —
l.c.l., same basis....gal. .74 - —
low-boil, dms., c.l., works, frt. equald..gal. .77 - —
l.c.l., same basis....gal. .79 - —
special resin grade, dms., c.l., works..lb. .09 - —
l.c.l., same basis.....lb. .09½- —
high-boil, dms, c.l., works. gal. .72 - —
l.c.l., same basis....gal. .74 - —
imported pale, 97-99, dms., gal. .84 - .99
Crotonic, dms., works.....lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls.....lb. .77 - .79
Formic, dom., seaboard, 90%, cbys., f.o.b. stock points, c.l. .....lb. .11 - —
25 carboys and over.....lb. .11½- —
1-24 carboys.....lb. .12 - —
Southern territory, cbys., c.l., lb. .1220- .1290
25 cbys. and over.....lb. .1270- .1340
1-24 carboys.....lb. .1320- .1390
inland territory, cbys., c.l.lb. .1185- —
25 cbys. and over.....lb. .1235- —
1-24 cbys.....lb. .1285- —
Fumaric, bbls.....lb. .60 - —
Fluoric, tech., fib. ctns., 100 lbs., works..lb. .35 - —
smaller lots, works.....lb. .45 - —
Gallic, tech., bbls.....lb. .65 - .68
N.F., VI, bbls.....lb. .77 - .80
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .50 - .55
Hempseed oil, dms.....lb. .1120-.1225
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots.....lb. 2.65 - 2.70
Hydrobromic, 10%, USP,cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls.....lb. .07 - .07½
lead, cbys.....lb. .09 - .09½
48%, lead cbys.....lb. .11½- .12
52%, lead cbys.....lb. .12½- .13
60%, lead cbys.....lb. .15 - .15½
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls.....lb. .36 - .37
Lactic, 22%, dark, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works, 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade.....lb. .12¼- .13¾
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22½
USP, X, 85% cbys.....lb. .42 - .45
USP, VIII, 75%, cbys.....lb. .40 - .43
Linseed oil, dark or light, dms..lb. .1300- .1340
tanks .....lb. .1240- —
extra white, dms.....lb. .1125- .1175
split, dms.....lb. .0950- .1060
Laurent's, bbls.....lb. .45 - —
Maleic, powd., dms.....lb. .30 - .40
anhydride, dms.....lb. .33 - .43
Malic, powd., kegs.....lb. .45 - .60
Mandelic, bots.....lb. 3.50 - —
fib, dms.....lb. 3.25 - —
jars .....lb. 3.25 - 3.35
Mixed, tanks, nitric unit.....lb. .06½- .07½
sulphuric unit.....lb. .0085- .009
Monochloracetic, tech., bbls..lb. .16 - .17
99%, bbls.....lb. .18 - .19
Monosulphonic, bbls.....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.35 - —
l.c.l., 25 and over, E. works..100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
1 to 9, works..100 lbs. 2.35 - —
tanks, works.....100 lbs. 1.00 - —
20°, cbys., c.l., E. works. 100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.10 - —
22°, cbys, c.l., E. works. 100 lbs 1.95 - —
l.c.l., 25 and over, works. 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
1 to 9, works..100 lbs. 2.95 - —
tanks, works.....100 lbs. 1.60 - —
CP, cbys.....lb. .06½- .07½
6-lb. bots.....lb. .08½- .12½
Myristic, dms.....lb. .14¼- .15
white, redist., dms.....lb. .15¾- .16½
Naphthenic, S.V. 120-200, dms, lb. .07 Nom.
210-230, dms.....lb. .09 Nom.
240-280, dms.....lb. .10 Nom.
sludges, dms.....lb. .05 Nom.
Neville & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
1 to 9, works..100 lbs. 6.00 - —
Acid, nitric, 38°, cbys., c.l., E. works..100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
1 to 9, works..100 lbs. 6.50 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works..100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
1 to 9, works..100 lbs. 7.00 - —
42°, cbys, c.l., E. works, 100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24 works..100 lbs. 6.90 - —
1 to 9, works..100 lbs. 7.50 - —
CP, cbys.....lb. .11½- .12½
7-lb. bots.....lb. .12½- .22½
Prices of yellow nitric acid 25c. per 100 lbs. below those above.
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities,...lb. .12 - .14
Palm oil, dms.....lb. .08¾- .09½
Para-aminobenzoic, bbls., frt. all'd..lb. 1.25 - 1.30
Phenylacetic, bots.....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys.....lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .13 - .14
50%, s.g. 1.347, cbys, djns., lb. .14 - —
10%, dilut., cbys, djns..lb. .07 - .07½
Picramic, kgs.....lb. .65 - .70
Picric, bbls., c.l.....lb. .30 - —
l.c.l. .....lb. .35 - .40
Propionic, ref., cbys., works, lb. .25 - —
dms., works.....lb. .22 - —
tech., cbys., works.....lb. .20 - —
dms., works.....lb. .16 - —
Pyrogallic, tech., lump, powd., bbls..lb. .90 - —
cns. .....lb. .95 - —
USP, cryst., cns.....lb. 1.55 - 1.60
resubl., cns.....lb. 1.90 - 2.00
Pyroligneous, bbls., dlvd. E.gal. .25 - —
Ricinoleic, dms.....lb. .20 - .28
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls.....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist., dms.....lb. .10½- .11½
Stearic, distil., double pressed, bgs., dlvd..lb. .12½- .13½
single pressed, bgs., dlvd.lb. .12 - .13
triple pressed, bgs., dlvd.lb. .15¼- .16¼
saponif., double pressed bgs., dlvd..lb.12¾- .13¾
triple pressed, bgs., dlvd..lb. .15½- .16½
Succinic, bbls.....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works..100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
1 to 9, works..100 lbs. 2.10 - —
tanks, E. works.....ton.12.00 - —
60°, cbys., c.l., E. works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
1 to 9, works..100 lbs. 2.35 - —
tanks, E. works.....ton.15.50 - —
98%, tanks, works.....ton.16.50 - —
CP, cbys.....lb. .06½- .07½
9-lb. bots.....lb. .08½- .17½
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works..ton.35.00 - —
Tannic, tech., bbls.....lb. .19 - .25
USP, fluffy, bbls.....lb. .83 - .88
Tartaric USP. dom., cryst., gran., powd., bbls., 10,000 lbs. or more, one shipment..lb. .21¾- —
smaller quantities.....lb. .22¼- —
kgs. .....lb. .22¾- —
Tobias. bbls.....lb. .65 - —
Trichloracetic, bots.....lb. 2.00 - 2.50
Tungstic, CP, kgs.....lb. 2.45 - 2.70
tech., kgs.....lb. 1.50 - 1.60
Aconite leaves, bls.....lb. .22 - .24
Root, bls.....lb. .28 - .30
Aconitine, amorph., bots.....oz.17.00 -18.00
vis. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vis. .....oz. .09 - .11
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar Agar, 1, bls.....lb. .80 - .81
2, bls.....lb. .75 - .76
3, bls.....lb. .62 - .63
Agaric, white, bls.....lb. 3.00 - 3.25
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago.....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago.lb. .13 - —
ton lots, Chicago.....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .50 - .60
2, dms., Chicago.....lb. .45 - .50
import, bgs.....lb. .50 - —
Egg, ed., dom., bbls.....lb. 1.05 - —
import, cs.....lb. .78 - .80
Milk, grd., sks., c.l.....ton. No stocks
ungrd., sks., c.l.....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l., frt. alld..lb. .133 - —
l.c.l., frt. alld.....lb. .143 - —
tanks, frt. alld.....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Denzyl, bots.....lb. .65 - 1.20

Alcohol, butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt., alld.....lb. .10½- —
tanks, frt., alld.....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Alcohol, cetyl., dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs.....lb. 1.70 - —
100 lbs.....lb. 1.90 - —
25 lbs.....lb. 1.90 - —
5 lbs.....lb. 2.00 - —
coml., dms.....lb. .95 - —
import, 85%, dms., 100 lbs.lb. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs.....lb. .45 - —
Cinnamic, bots.....lb. 2.50 - 3.50
Denatured, CD11, 12, 13, dms., c.l., works, E., frt. equal.gal. .33 - —
20 dms., East.....gal. .35 - —
1-19 dms., East.....gal. .38 - —

Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit

SD1, 190 pf., bbls., c.l., E. works..gal. .33 - —
19 bbls., E. works...gal. .35 - —
1 to 18 bbls., E. works, gal. .38 - —
dms., c.l., E. works....gal. .32 - —
19 dms., E. works...gal. .34 - —
1 to 18 dms., E. works, gal. .37 - —
tanks, E. works.....gal. .26 - —

Anhydrous, 5c. per gal. higher.

Special solvent, dms., c.l., E. works..gal. .33 - —
20 dms., E. works...gal. .35 - —
1 to 19 dms., E. works. gal. .38 - —
tanks, E. works.....gal. .27 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld..lb. .18 - —
l.c.l., frt. alld.....lb. .18½- —
tech., contract, dms., c.l., frt. alld. .....lb. .17 - —
l.c.l., frt. alld.....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls., c.l..gal. 4.12 - —
19 bbls.....gal. 4.14 - —
1 to 18 bbls.....gal. 4.17 - —
dms., c.l.....gal. 4.11 - —
19 dms.....gal. 4.13 - —
1 to 18 dms.....gal. 4.16 - —
tanks .....gal. 4.05 - —
absolute, dms.....gal. 4.04 - 6.08½

Grain alcohol 40c. per gal. higher.

Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky mts..lb. .10 - —
l.c.l., same terms.....lb. .10½- —
tanks, same terms.....lb. .09 - —
Isoamyl, primary, dms., l.c.l., dlvd. .....lb. .27 - —
cans, works.....lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Isopropyl, refd., 91% dms., c.l., f.o.b. dest. E. of Miss. crossing .....gal. .50 - —
l.c.l., same terms.....gal. .55 - —
tanks, same terms....gal. .40 - —
98%, dms., c.l., same terms. gal. .60 - —
l.c.l., same terms....gal. .65 - —
tanks, same terms....gal. .50 - —
tech., 91%, dms., c.l., same terms..gal. .45 - —
l.c.l., same terms....gal. .50 - —
tanks, same terms....gal. .35 - —
98%, dms., c.l. same terms. gal. .55 - —
l.c.l., same terms....gal. .60 - —
tanks, same terms....gal. .45 - —
denat. grd., dms., c.l., frt. alld..gal. .32 - —
l.c.l., frt. alld.....gal. .33 - —
Methyl (see Methanol)
Phenylethyl, bots.....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .25 - —
Aletris root, bgs.....lb. .30 - .31
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .18 - .19
Curacao, cs.....lb. .21 - .22
gourds, bbls.....lb. .50 - .51
Socotrine, kgs.....lb. .35 - .36
Aloin, bbls., cns.....lb. 1.50 - 1.55
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bls.....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 3.00
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Alum, Potash—Ammo. Iodide

Alum, potash, gran., bbls., works, 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila....100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila....100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila....100 lbs. 3.55 - —
Potash alum prices on same basis as those for ammonia alum.
Potash-chrome, bbls.....lb. .07 - .07½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 25% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .03 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works..lb. .06 - —
l.c.l., dms., works.....lb. .06¼- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Hydrate, heavy, bbls., c.l., works..lb. .0290- —
less car lots, works....lb. .03½- —
light, bbls., dlvd.....lb. .13 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Alumina, palmitate, precip., bbls., ton..lb. .22 - —
smaller lots.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, Zone 1-2, com'l, bgs., c.l., works, frt. equaled 100 lbs. 1.80 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
Iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.40
truckload, dlvd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - —
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
bbls., truckloads, 5 to 9, dlvd. met. N.Y..100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l..lb. .19 - .19½
l.c.l. .....lb. .20 - .21

Aluminum, powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. ship. pt. (see note below)..lb. .90 - —
3,000-30,000 lbs., same basis..lb. .92 - —
1,000-3,000 lbs., same basis..lb. .95 - —
less than 1,000 lbs., same basis..lb. 1.00 - —
standard, dms., 30,000 lbs., same basis..lb. .55 - —
3,000-30,000 lbs., same basis..lb. .57 - —
1,000-3,000 lbs., same basis..lb. .60 - —
less than 1,000 lbs., same basis..lb. .65 - —
litho, ext. brilnt., dms, 30,000 lbs., same basis .....lb. .41 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —

Aluminum, powd., dry, litho. standard, dms., 1,000-3,000 lbs., same basis lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
wallpaper, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
3,000-30,000 lbs., same basis..lb. .41 - —
1,000-3,000 lbs., same basis..lb. .44 - —
less than 1,000 lbs., same basis..lb. .49 - —
unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
3,000-30,000 lbs., same basis..lb. .37 - —
1,000-3,000 lbs., same basis..lb. .40 - —
less than 1,000 lbs., same basis..lb. .45 - —
varnish, ext. brilliant, dms., 30,000 lbs., same basis..lb. .41 - —
3,000-30,000 lbs., same basis..lb. .43 - —
1,000-3,000 lbs., same basis..lb. .46 - —
less than 1,000 lbs., same basis..lb. .51 - —
ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
3,000-30,000 lbs., same basis..lb. .47 - —
1,000-3,000 lbs., same basis..lb. .50 - —
less than 1,000 lbs., same basis..lb. .55 - —
standard, dms., 30,000 lbs., same basis..lb. .40 - —
3,000-30,000 lbs., same basis..lb. .42 - —
1,000-3,000 lbs., same basis..lb. .45 - —
less than 1,000 lbs., same basis..lb. .50 - —
paste, fine, lining, dms., 30,000 lbs., same basis, lb. .65 - —
3,000-30,000 lbs., same basis..lb. .67 - —
1,000-3,000 lbs., same basis..lb. .70 - —
less than 1,000 lbs., same basis..lb. .75 - —
extra dms., 30,000 lbs., same basis..lb. .70 - —
3,000-30,000 lbs., same basis..lb. .72 - —
1,000-3,000 lbs., same basis..lb. .75 - —
less than 1,000 lbs., same basis..lb. .80 - —
ink, dms., 30,000 lbs., same basis..lb. .80 - —
3,000-30,000 lbs., same basis..lb. .82 - —
1,000-3,000 lbs., same basis..lb. .85 - —
less than 1,000 lbs., same basis..lb. .90 - —
ink, dms., 30,000 lbs., same basis..lb. .75 - —
3,000-30,000 lbs., same basis..lb. .77 - —
1,000-3,000 lbs., same basis..lb. .80 - —
less than 1,000 lbs., same basis..lb. .85 - —
standard, dms., 30,000 lbs., same basis..lb. .43 - —
3,000-30,000 lbs., same basis..lb. .45 - —
1,000-3,000 lbs., same basis..lb. .48 - —
less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste prices, in single shipments are deductible as follows: 2,000 lbs., 1c. per lb, from 3,000-30,000 lb. prices; 5,000 lbs., ½c. from 30,000 lb, prices; 10,000 lbs., 1c. per lb. from 30,000 lb. prices; 25,000 lbs., 2c. per lb. from 30,000 lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. net subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ¼c.; Houston, Kansas City, ½c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz.22.00 -35.00
Amidopyrene, fib., dms., 100 lbs.. lb. 4.00 - —
bots., 5 lbs.....lb. 4.22 - 4.25
Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works..lb. .04½- —
refrigeration, tanks, works..lb. .05½- —
pure, cyls., dlvd., met. N.Y. lb. .16 - .23

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Acetate, kgs.....lb. .26 - .33
Aldehyde, dms.....lb. .65 - .70
Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l., ...lb. .02½- —
tanks (on NH₃ content)...lb. .04½- —
tankwagons .....lb. .02 - —
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .42
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more...lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd. N.Y....100 lbs. 5.71 - —
Bifluoride, bbls.....lb. .16 - .18
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls..lb. .06 - .12½
imported, csks.....lb. .06 - .12½
USP, lump, dms.....lb. .08 - .11
powd., bbls., dms.....lb. .09 - —
Chloride, tech. (see Ammoniac, sal)
USP, gran., bbls.....lb. .11 - .18
kgs. .....lb. .15 - —
Citrate, dms.....lb. .80 - —
cns. .....lb. .85 - —
Fluoride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, tech., dms.....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.32 - —
jars .....lb. 3.25 - —

FOR THE LONG PULL AHEAD

AS industry enters a period of increasing demands, wise manufacturers are choosing their sources of supply for their ability to provide quality products—in *quantity* and *variety*. WITCO, youthfully aggressive in spirit yet directed by men of long practical experience, is recommended as a source of supply ideally equipped to help you keep pace with the fast-moving times that are here.
We ask for an opportunity to show you how efficiently we can meet your needs for:

WITCO CARBON BLACKS—one of the most complete high quality lines available today, backed by the WITCO reputation for uniformity.

TITANIUM DIOXIDE—reaches a new standard in degree of fineness and ease of grinding. Possesses high opacity and low specific gravity. Noteworthy for its neutral white color.

PIONEER ASPHALT SPECIALTIES—have gained wide acceptance as the standard by which quality is measured in the many fields where they are used.

WITCO CADMIUM REDS AND YELLOWS—high quality Reds in grades of Light, Medium Light, Medium, Deep and Maroon. Yellows in Primrose, Lemon, Gold and Orange.

WITCO PALM OIL—enjoys increasing acceptance as the demand grows for a consistently uniform material.

TITANOLITH—a high quality titanated lithopone which meets the need for a pigment combining high covering power with the flexibility to meet varied demands.

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NEW YORK . . 295 MADISON AVENUE
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BUY DIRECT AND PROFIT DIRECTLY

WITCO

Ammonia, laurate, bbls.....lb. .10 - —
Linoleate, 80%, anhyd., bbls..lb. .11 - —
Naphthenate, bbls.....lb. .11 - —
Nitrate, tech., cks.....lb. .04 Nom.
Oleate, bbls.....lb. .10 - —
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .22½- —
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - .22
Phosphate, dibasic, N.F.V., bbls. lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
monobasic, pure, bbls.....lb. .40 - .42
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., Feb.-June dlvy., dlvd., Ill., Ind., Mich., Ohio..ton.25.00 - —
f.o.b. cars, Atlantic, Gulf ports..ton.27.00 - —
Birmingham, Ala., ovens..ton.27.00 - —
Northern ovens..ton.25.00 - —
barge lots, Sparrows Point, Md., Brooklyn, N. Y..ton.26.00 - —
dbl. bgs., export, f.a.s. N.Y., ton. No prices
Sulphide, liquid, dms., works.lb. .12 - .15
tanks, delvd.....lb. .11 - —
Sulphacyanide, com'l, fib., dms., 2,000 lbs., works..lb. .14 - —
smaller lots, works....lb. .16 - —
pure, 99-100%, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal, gray, dom., bbls, c.l. 100 lbs. 5.00 - 5.25
l.c.l. .....100 lbs. 5.50 - .0620
import, gran., csks.....lb. 5.00 - .0620
white, gran., dom., bbls., contracts, works...100 lbs. 5.00 - 5.05
imports, csks.....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11½- —
l.c.l., frt. alld.....lb. .12 - —
tanks, works.....lb. .10½- —
ex pentane, dms., frt., alld., lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Alcohol (see Alcohol, amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works.....lb. .077 - —
tanks, works.....lb. .06 - —
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Nitrite, bots.....lb. 1.80 - 1.85
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, cans.....lb. .63 - 1.25
Stearate, dms., l.c.l. works..lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.05 - 1.10
Angelica root, dom., bls.....lb. .22 - .25
import, natural, bls.....lb. .35 - .38
twisted, bls.....lb. .48 - .50
Angostura bark, bls.....lb. .35 - .36
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14 - —
Salt, dms., works.....lb. .22 - .24
Anise, Russian, bgs.....lb. .09½- .11
Spanish, bgs.....lb. .13 - .13½
Star, bgs.....lb. .11½- .12
Anisic aldehyde, bots.....lb. 2.75 - 3.00
Annatto paste, bxs.....lb. .34 - .37
Seed, bgs.....lb. .07½- .08½
Anthraquinone, 99.5%, subl., bbls. lb. .65 - —
Antimony, butter (see Antimony chloride).
Chloride, solut., cbys.....lb. .17 - —
Metal .....lb. .14¼- .15¼
Needle, powd., bbls.....lb. .14 - .16
Oxide, dom., bbls., c.l.....lb. .14½- —
l.c.l. .....lb. .14¾- —
import, bbls.....lb. .14¼- .14¾
Salts, 65%, kgs.....lb. .22 - .25
Sulphuret, golden, bbls.....lb. .22 - .23
White pigment, bgs., Texas works, frt. alld. to ½c. lb. c.l..lb. .10½- .13¼
Antipyrene, bbls., kgs., ton lots. lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 - 23.70
Archil extract, conc., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .12
Arecoline hydrobromide, bots., oz. 5.50 - 6.50
Argols, crude, 30%, csks.....lb. .07 - .08
80-85%, csks.....lb. .14 - .15
Arnica flowers, bls.....lb. .28 - .29
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .09¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import., cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .08 - —
l.c.l. .....lb. .08¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .18 - .19
powd., bbls., bxs.....lb. .32 - .35
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02½- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y..lb. .08½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b.N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton36.50 - —
Cuban A., bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
Asphaltum, Cuban, B, bgs., c.l., f.o.b. N.Y....ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b.N.Y..lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points. ton.32.90 - —
seconds, bgs., c.l., Western shipt. points.....ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.49.50 - —
Jet, bgs., c.l., Western shipping points..ton.30.50 - —
Maltha, dms., c.l., f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery .....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery....gal. .05102- —
East Coast, refinery....gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.90 - 3.55
cns. .....oz. 2.85 - —

B

Balm of Gilead buds, bgs....lb. .21 - .23
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .14 - .15
Barbital, cs. .....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton.42.00 - —
99%, 200 mesh, bgs., c.l., works..ton.45.00 - —
Barium carbonate, precip., bgs., bbls., c.l., works..ton.52.50 -57.50
l.c.l., works.....ton.57.50 -62.50
sulphur-free, bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs.....lb. .16½- .17½
Chloride, C.P., cryst., bbls...lb. .19 - —
dms. .....lb. .20 - —
tech., dom., cryst., bbls., bgs., c.l., Zone 1, dlvd. New England States, N. Y., N. J., Pa., Md., Dela., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Arkansas line. ton.72.00 -74.00
l.c.l., same basis....ton.85.00 -87.00
Zone 2, bgs., bbls., c.l., dlvd. Tenn., N.-S. Carolina, Ga., Ala., Miss., Fla.....ton.76.00 -78.00
l.c.l., same basis....ton.89.00 -91.00
Zone 3, bgs., bbls., c.l., dlvd. Minn., Ia., Mo., Tex., Mont., Wyo., Col., N. Mex., Idaho, Utah, Ariz.. ton.82.00 -84.00
l.c.l., same basis....ton.95.00 -97.00
Zone 4, bgs., bbls., c.l., dlvd. Wash., Ore., Calif., Nev..ton.78.00 -80.00
l.c.l., same basis....ton.91.00 -93.00
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls. .....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls.....lb. .04¾- .05½
Iodide, bots. .....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston. ton.36.00 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85 - —
l.c.l., ex car, Baltimore. ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia.....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock., t.a..ton.25.00 -26.00
l.c.l., ex whse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock. ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a..ton.29.50 Nom.
l.c.l., ex whse.....ton. 32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .71½Nom.
Bayberry bark, bgs.....lb. No. prices.
Belladonna leaves, bls.....lb. .14 - .15
Root, bls.....lb. .11 - .12
Bentonite, 1, 96%, 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92%, 300 mesh, bgs., Wyo. works..ton.11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .62
USP, IX, dms.....lb. 1.10 - 1.20
USP, X, dms.....lb. 1.30 - 1.35
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works .....gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., bots....lb. .56 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidine acetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, cns.....lb.13.00 -13.25
Hydrochloride, cns.....lb.13.00 -13.25
Sulphate, cns.....lb.14.75 -15.00
Berberis root, bls.....lb. .10 - .11
Betanaphthol, sublim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, flb., dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphthylamine, tech., kgs..lb. .51 - —
Beth root, bls.....lb. .14 - .15
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.77 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb. bots....lb. 1.35 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.75 - —
Subbenzoate, 5-lb. bots.....lb. 3.37 - —
cns. .....lb. 3.25 - —
Subcarbonate, cns.....lb. 1.50 - —
flb., dms., kgs.....lb. 1.40 - —
X-ray, 5-lb. bots.....lb. 2.72 - —
flb., dms.....lb. 2.60 - —
Subgallate, cns.....lb. 1.60 - —
flb., dms.....lb. 1.50 - —
Subiodide, cns.....lb. 1.40 - —
flb., dms.....lb. 1.30 - —
Subnitrate, powd., bots., bbls., flb., dms..lb. 1.30 - —
cns. .....lb. 1.40 - —
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., flb., dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots...lb. 3.62 - —
flb., dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.57 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
flb., dms.....lb. 3.05 - —
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l. frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E. lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. alld. E. lb. .08 - —
l.c.l., frt. alld. E.....lb. .08¼- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd, rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445- --
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0490- —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)...lb. .0505- —
D (Ill., Ia., Wis.)..lb. .0490- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y. Ohio, part of Pa., Tenn., W. Va.)..lb. .0505- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535- —
G (Mexico).....lb. .0455- —
l.c.l., f.o.b. whse.....lb. .07 - —
ctns., l.c.l., dlvd. all zones, lb. .07½- —
cs., l.c.l., dlvd. all zones..lb. .08½- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .05½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N. Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04¾- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.

Ammo. Laurate—Bord. Mixt.

Black haw root bark, bls.....lb. .23 - .25
Tree bark, bls.....lb. .13 - .14
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs., c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.35
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 4.25 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 4.50 - —
import, bgs., c.l.f. ports, Mar.-Apr. shipt...unit-ton. 4.00 - —
soluble (see Albumen, blood)
Bloodroot, bls.....lb. .14 - .15
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Celestial, bbls.....lb. .10 - .12
Chinese, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper phthalocyanin, bb's.. f.o.b. works, frt. alld..lb. 4.75 - —
Milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open door.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .10 - —
regular, 1, bbls., works, frt. equaid..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, bbls., same basis....lb. .24 - —
6, cobalt, A, same basis.lb. .26 - —
B, bbls., same basis.lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis lb. .18 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .22 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basis..lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd ex whse, is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs....lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Cooper Hill, Tenn. 100 lbs. 4.85 - —
16-25, same basis.100 lbs. 5.00 - —
6-15, same basis..100 lbs. 5.10 - —
3-5, same basis...100 lbs. 5.35 - —
1-2, same basis...100 lbs. 5.55 - —
monohydrated, dms., c.l. dealers..lb. .08½- —
l.c.l., dealers.....lb. .09½- —
Bluestone (see Blue vitriol).
Bone, raw, dom., 4¼% ammon., 50% phos., bgs., f.o.b. Chicago..ton.28.00 -30.00
c.i.f., Atlantic ports..ton.35.75 - —
S.A., bgs., c.i.f. ports.ton. No prices.
steamed, dom., 1¼% ammon., 60% phos., bgs., f.o.b. Chicago..ton.20.00 -22.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.26.00 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs., f.o.b. Chicago..ton.23.00 -25.00
import, 100-lb. bgs., c.i.f. ports..ton.26.25 - —
Phosphate, precip. (see Calcium phosphate dibasic, precip.)
Borage flowers, bls.....lb. .21 - .23
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers East of and inc. N. D., S. D., Neb., Kan., Okla., Texas..lb. .10 - —
consumer, dms., same basis.lb. .10½- —
l.c.l., dealers, dms., same basis..lb. .10½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 95 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.

Borneol—Cassia

Borneol, bots.....lb. 1.75 - 2.00
cns .....lb. 1.50 - —
Brazilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .12
Brown, iron oxide, pure precip., cks., f.o.b. N.Y, or works..lb. .12¼- —
Metallic, bbls., works.....lb. .0215- —
paper bgs., c.l., works.....lb. .02 - —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N. Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .08½- —
5, bbls., same basis.....lb. .08½- —
6, bbls., same basis.....lb. .08 - —
7, bbls., same basis.....lb. .07¾- —
8, bbls., same basis.....lb. .07½- —
9, bbls., same basis.....lb. .07 - —
10, bbls., same basis.....lb. .06¾- —
11, bbls., same basis.....lb. .06½- —
12, bbls., same basis.....lb. .06 - —
13, bbls., same basis.....lb. .05¾- —
14, bbls., same basis.....lb. .05¼- —
Brown, sienna, raw, American, bbls., works..lb. .02⅝- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12½- —
2, bbls., same basis.....lb. .10⅝- —
3, bbls., same basis.....lb. .10¾- —
4, bbls., same basis.....lb. .09¼- —
5, bbls., same basis.....lb. .08⅝- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis.....lb. .05¾- —
11, bbls., same basis.....lb. .04¾- —
Umber, American, bbls., works. lb. .02⅞- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04⅝- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04⅞- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05⅜- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, 100 oz., cns.....oz. .10 - —
Sulphate, 100 oz., cns.....oz. .07 - —
Bryonia roots, bls.....lb. .19 - .11
Buchu leaves, bls.....lb. .56 - .57
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd. E.....lb. .05 - —
import., stands.....lb. .11 - .12
Butanes, comi., 16-32°, tanks, group 3..gal. .02¼- .03¾
Butternut bark, bls.....lb. .06½- .07
Butyl acetate, norm., dms., c.l., contract, frt. alld..lb. .10 - —
l.c.l., contract, frt. alld.lb. .10½- —
tanks, contract, frt. alld.lb. .09 - —
secondary, dms., c.l., frt. pd. E. of Rocky mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
Butyl alcohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- .23½
Propionate, dms., dlvd.....lb. .18 - .18½
tanks, dlvd.....lb. .17 - —
Butyric, ether, bots.....gal. 6.95 - —
cns., works.....lb. .65 - .70
dms., frt. alld. Met. N. Y..lb. .60 - —

C

Cadmium bromide, bots., jars.lb. 1.39 - 1.44
Iodide, bots.....lb. 3.77 - 3.82
jars .....lb. 3.65 - —
Lithopone (see Yellow).
Metals, cs.....lb. 1.05 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, 100 lbs., dms; 10,000 lbs. or more..lb. 2.05 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.15 - —
100 lbs.....lb. 2.25 - —
Caffeine, 25 lbs., dms., 10,000 lbs., or more..lb. 2.08 - —
2,000 lbs., or more.....lb. 2.10 - —
1,000 lbs., or more.....lb. 2.18 - —
100 lbs.....lb. 2.28 - —
25 lbs.....lb. 2.40 - —
Caffeine, 10, lbs., cns., 10,000 lbs., or more..lb. 2.10 - —
2,000 lbs., or more.....lb. 2.15 - —
1,000 lbs., or more.....lb. 2.20 - —
100 lbs.....lb. 2.30 - —
less than 100 lbs.....lb. 2.45 - 2.60
5 lbs., cns., 25 lbs., or more..lb. 2.40 - —
less than 25 lbs.....lb. 2.55 - 2.70
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots.....lb. 4.82 - 4.87
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .45 - .50
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., dealers, North and West..lb. .06¾ —
l.c.l., dealers.....lb. .07¼- —
Southern cotton states, dealers, dms., c.l..lb. .06½- —
l.c.l., dealers.....lb. .07 - —
Calcium arsenate prices are works or whse basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.
Bromide, jar.....lb. .60 - .62
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-80%, bgs., dms., c.l., dlvd. ton.22.00 -35.00
l.c.l., 1 ton or over, ulvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..tc 1.20.00 -33.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, pharm. gran., powd., bbls., 125 lbs..lb. .50 - —
dms., ...lb. .55 - .57
cns. .....lb. .68 - .85
Glycerophosphate, fib., dms..lb. 1.05 - —
cns., 25 lbs.....lb. 1.30 - —
Hypophosphite, cns.....lb. .62 - .67
Iodide, bots., jars.....lb. 3.70 - 3.85
Lactate, USP, bbls., 200 lbs.lb. .25 - —
Nitrate, bgs., to fert. mfrs., ex-vessel..ton.26.10 - —
Palmitate, bbls.....lb. .22 - .28
Phosphate, dibasic, precip., 38-42% P_2O_5 c.l.f. Atlantic ports..unit-ton. .70 - —
tri-basic, precip., c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton. lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
1 ton.....lb. .20 - —
smaller lots.....lb. .21 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh), c.l., works..ton.52.00 - —
l.c.l. works.....ton.56.00 - —
83/85 CaC c.l., works...ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works. 100 lbs..lb. .85 - —
smaller lots.....lb. 1.00 - —
Sulphocarbolate, bbls.,200 lbs.lb. .48 - —
kgs., 100 lbs.....lb. .50 - —
Calendula flowers, bls.....lb. .45 - .50
Calomel, bbls., fib., dms.....lb. 1.40 - 1.41
Camphor, natural, powd., cs..lb. .55 - .56
slabs, cs.....lb. .55 - .56
tablets, tins.....lb. .60 - .61
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs. .....lb. .50 - —
500 lbs.....lb. .51 - —
100 lbs.....lb. .52 - —
tablets, imp.,cs., 2,000 lbs.lb. .54 - —
500 lbs.....lb. .55 - —
100 lbs.....lb. .56 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65
Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs..lb. .06 - .06½
Morocco, bgs.....lb. .06¼- .06¾
Turkish, bgs.....lb. .06 - .06½
Canella alba bark, bls.....lb. .37 - .38
Cannabis herb, bls.....lb. .18 - .20
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.35 - 1.40
powd., bxs.....lb. 1.70 - 1.75
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .07¾- .08¼
Carbazole, 70-80%, dms.....lb. .60 - —
90%, dms.....lb. .89 - —
98-99%, dms.....lb. .92 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works...lb. .60 - —
smaller lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R.....lb. .05 - —
l.c.l., same basis.....lb. .05¾- —
5 gal. dms., c.l., same basis.lb. .07 - —
l.c.l., same basis.....lb. .08 - —
5-gal. dms.....lb. .08 - —
tanks, same basis.....lb. .04½- —
Dioxide, cyls. .....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R.....lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
10-gal. dms., c.l., (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08 - —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2c. lb. higher.
Cardamom, bleached, cs.....lb. 1.10 - 1.30
decorticated, cs.....lb. 1.60 - 1.65
green, bgs.....lb. 1.20 Nom.
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .13
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11¾- —
lump, dms., l.c.l.....lb. .10⅞- —
60%, lump, dms., l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd..lb. .19 - —
5 tons, works.....lb. .19¼- —
smaller lots, works.....lb. .20¼- —
80-100 mesh, bgs., c.l., dlvd.. lb. .19½- —
5 tons, works.....lb. .19¾- —
smaller lots, works....lb. .20¾- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .19 - —
80-100 mesh, bgs., c.l., duty pd..lb. .19½- —
French, 30 mesh, bgs., c.l., duty pd..lb. No prices.
Cassia, Batavia, 1, bgs.....lb. .12¾- .13¾
3, bls.....lb. .07½- .08
short stick, bls.....lb. .11½- .12
China, rolls, select, cs.....lb. .05¼- .05¾
broken, extra bls.....lb. .04 - .04½
Saigon, bls.....lb. .15½- .16

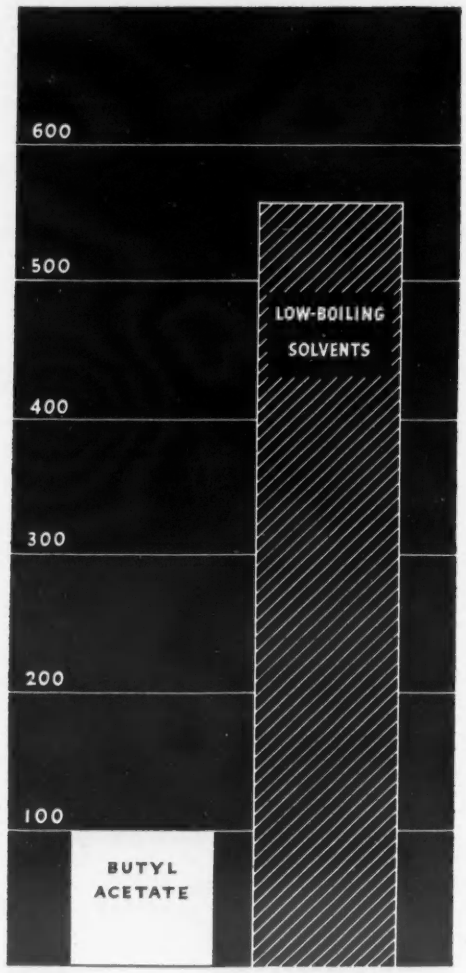
BUTYL ACETATE
vs.
LOW-BOILERS

THE superiority of Butyl Acetate as a lacquer solvent is unquestioned, yet today, Butyl Acetate costs but little more than the inferior low-boiling solvents.

Butyl Acetate evaporates approximately 1/5 as rapidly as the commonly used low-boiling solvents. (See illustration.) Low-boilers are especially harmful in lacquer because they evaporate twice as fast as the diluents, causing loss of solvent power during drying, with consequent poor flow in the drying film. On the other hand, Butyl Acetate evaporates more slowly than the diluents, thus maintaining an excess of solvent power throughout the whole drying period, with the result that a smooth film is produced which requires a minimum of sanding and rubbing.

The advantages of increased proportions of Butanol and Butyl Acetate are easily demonstrated in the finishing room—and the cost of gaining these advantages is very small indeed.

If you are interested in obtaining further information on this subject we'd be glad to call and talk it over with you.



COMMERCIAL SOLVENTS CORPORATION
TERRE HAUTE, INDIANA
PROMPT SERVICE FROM BRANCH OFFICES AND WAREHOUSES

Cassia buds, cs.	lb.	.14½-	.15
Cassia, fistula, bskts.	lb.	.09 -	.10
Castile soap, white, bars, cs., 40 lbs.		11.75 -	12.50
powd., bbls.	lb.	.28 -	.35
Castoreum, nat., cns.	lb.	15.00 -	18.00
synth., bots.	lb.	19.00 -	—
Castor oil (see Oil, castor).			
Pomace, dom., 5½% ammon., bgs., c.l., works.	ton.	23.00 -	—
import, bgs., c.i.f., ports, shipment.	ton.	No prices.	
Catnep leaves, bls.	lb.	.18 -	.19
Celery seed, French, bgs.	lb.	.20 -	.20½
Indian, bgs.	lb.	.16¾-	.17¼
Celluloid scrap, amber, cs.	lb.	.12 -	.13
black, cs., works.	lb.	.08 -	.09
China white, ivory, cs., works, lb.		.12 -	.13
dense white, cs., works.	lb.	.11 -	.12
grey, cs., works.	lb.	.09 -	.10
mixed, mottles, opaques, cs., works.	lb.	.05 -	—
shell-demi, cs., works.	lb.	.09 -	.10
translucent pastels, cs., works. lb.		.13 -	.14
transparent, cs., works.	lb.	.12 -	.13
colors, cs., works.	lb.	.08 -	.09
shavings, amber, cs., works.	lb.	.13 -	—
colored, mixed, cs., works.	lb.	.09 -	—
white, cs., works.	lb.	.12 -	—
Cellulose acetate, flake, cs., works.	lb.	.40 -	—
Acetobutyrate, 501 lbs. and over, works.	lb.	.52 -	—
101 lbs., works.	lb.	.58 -	—
smaller lots, works.	lb.	.55 -	—
Cement, white, bbls., (4 bags), 3 tons, dlvd. N.Y.	bbl.	6.10 -	—
less than 5 tons, truck dlvy.	bbl.	8.00 -	—
Cerium hydrate, dms., works.	lb.	.65 -	—
Oxalate, USP, bbls., works.	lb.	.28 -	—
kgs., works.	lb.	.30 -	—
Chalk precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works.		.02¾-	—
cks., 250 lbs., c.l., f.o.b., works.	lb.	.03¼-	—
Chamomile flowers, Hungarian, genuine, cs.	lb.	.20 -	.21
Roman, bls.	lb.	.26 -	.28
Charcoal, softwood, powd., bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va.	ton.	30.40 -	—
Colo.	ton.	27.00 -	—
Conn., Me., Mass., N. H., R. I., Vt.	ton.	30.80 -	—
Ill., (except river points), Minn., Neb., Wis.	ton.	25.00 -	—
Indiana	ton.	26.00 -	—
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)	ton.	23.00 -	—
Kansas, El Paso, Tex.	ton.	24.00 -	—
Michigan	ton.	27.80 -	—
Ohio, Penn.	ton.	29.80 -	—
Utah	ton.	34.00 -	—
Willow, powd., bbls.	lb.	.06 -	.07
Chestnut extract, clarif., 25% tan., bbls.	lb.	.01625-	—
tanks	lb.	.02 -	—
powd., bgs., works.	lb.	.04⅞-	—
Chillies (see Pepper, red).			
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works.	ton.	9.00 -	—
l.c.l., works.	ton.	9.50 -	15.50
bulk, c.l., works.	ton.	6.50 -	—
99.75% 200 mesh, bgs., c.l., works.	ton.	8.00 -	—
l.c.l., works.	ton.	9.00 -	15.00
wet-grd., silk-bolt, 99.9% 325 mesh, bulk, c.l., works.	ton.	8.50 -	—
paper bgs., c.l., works.	ton.	11.00 -	—
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila.	ton.	22.00 -	25.00
powd., csks., l.c.l., ex dock,	ton.	35.00 -	—
ex whse.	ton.	37.50 -	—
Chloral hydrate, bots., 1,000 lbs.	lb.	.83 -	.92
500 lbs.	lb.	.86 -	.95
100 lbs.	lb.	.88 -	.97
25 lbs.	lb.	.90 -	.99
1-10 lbs.	lb.	.95 -	1.02
dms., 1,000 lbs.	lb.	.80 -	—
500 lbs.	lb.	.83 -	—
100 lbs.	lb.	.85 -	—
Chlorine, liq., cyls., c.l., dlvd., N.Y.	lb.	.05½-	—
contracts., dlvd., N.Y.	lb.	.05½-	—
l.c.l., dlvd., N.Y.	lb.	.07⅞-	—
tanks, single unit, works, frt. equald.	100 lbs.	2.15 -	—
multiple unit, 3 or over, wks., frt. equald.	100 lbs.	2.30 -	—
2, works, frt. equald.	100 lbs.	2.55 -	—
1, works, frt. equald.	100 lbs.	3.00 -	—
Chloroacetophenone, tins, works.	lb.	3.00 -	3.50
Chloroform, tech., 650-lb. drums.	lb.	.20 -	—
100-lb. dms.	lb.	.22 -	
50-lb. tins	lb.		
USP, 650-lb. drms.	lb.	.30 -	—
100-lb. dms.	lb.	.32 -	—
50-lb. dms.	lb.	.33 -	—
Chloropicrin, coml., 185-lb. cyls., works, frt. equal.	lb.	.80 -	—
5-lb. cyls., same basis.	lb.	1.15 -	—
Chrome acetate, bbls.	lb.	.06 -	.08
Cake, bulk, c.l., works.	ton.	11.00 -	12.00
Green (see Green, chrome)			
Chrome, oxide (see Green, chrome oxide)			
Sulphate, pearls, bxs., cns., fib. dms.	lb.	.40 -	.45
powd., bxs., cns., fib. dms.	lb.	.40 -	.45
scales, bxs., cns., fib. dms.	lb.	.45 -	.50
Trioxide (see Acid, chromic)			
Yellow (see Yellow, chrome)			
Chrysarobin, cns.	lb.	3.25 -	3.50
Cinchona bark, chips, bgs.	lb.	.20 -	.22
high test, bgs.	lb.	.45 -	.50
quills, broken, bgs.	lb.	.20 -	.22
long, cs.	lb.	.55 -	.60
short, bgs.	lb.	.50 -	.55
Ecuador, tubes.	lb.	.18 -	.20
Cinchonidine, crys., small cns., 100 ozs.	oz.	.83 -	—
large, cns.	100 ozs.	.87 -	—
powd., cns.	100 ozs.	.80 -	—
Sulphate, N.F., cns., 100 ozs.	oz.	.47 -	—
Cinchonine, crys., small, cns., 100 ozs.	oz.	.54 -	—
large, cns.	100 ozs.	.58 -	—
powd., cns.	100 ozs.	.50 -	—
Sulphate, N.F., cns., 100 ozs.	oz.	.34 -	—
Cinchophen, U.S.P., boxes, 5 lbs.,	lb.	3.75 -	—
bots., 1 lb.	lb.	3.27 -	—
dms., 100 lbs.	lb.	3.00 -	—
Cinnamic alcohol (see Alcohol, cinnamic)			
Aldehyde, f.f.c., bots.	lb.	1.55 -	2.00
Cinnamon, Ceylon, 2, bls.	lb.	.17 -	.17½
3, bls.	lb.	.16½-	.17
Citral, cns.	lb.	1.75 -	8.15
Citrine ointment, jars, tubes.	lb.	.75 -	—
Citronellal, bots.	lb.	1.10 -	1.25
Citronellol, bots.	lb.	1.80 -	2.00
Clove, Madagascar, bls.	lb.	.17½-	.17½
Zanzibar, bls.	lb.	.17½-	.17¾
Clover tops, bls.	lb.	.12 -	.15
Coaltar, coal-gas, crude, bbls., c.l., works.	bbl.	7.25 -	—
l.c.l., works.	bbl.	8.00 -	—
tanks, works.	gal.	.07 -	.09
refd., bbls., c.l., works.	bbl.	7.75 -	—
l.c.l., works.	bbl.	8.50 -	—
tanks, works.	gal.	.08 -	.10
Coaltar, water-gas, crude, dms., c.l., works.	dm.	6.75 -	—
l.c.l. works.	dm.	7.50 -	—
tanks, works.	gal.	.07 -	.08
refd., dms., c.l., works.	dm.	7.25 -	—
l.c.l. works.	dm.	8.00 -	—
tanks, works.	gal.	.08 -	.09
Cobalt acetate, bbls., dlvd.	lb.	.58 -	.60
kgs., dlvd.	lb.	.65 -	—
Carbonate, tech., bbls., dlvd.	lb.	1.42½-	—
Chloride, dms., works.	lb.	.67⅝-	.72½
Hydrate, bbls.	lb.	1.66 -	1.70
Linoleate, paste, 6%, dms.	lb.	.31½-	—
solid, 8½%, bbls.	lb.	.32½-	—
Oleate, bbls.	lb.	.28 -	—
Oxide, black, kgs.	lb.	1.41 -	1.51
Resinate, fused, A, bbls.	lb.	.13 -	—
1%, bbls.	lb.	.12½-	—
2%, bbls.	lb.	.16½-	.17
3%, bbls.	lb.	.17½-	.18
precip., dms., dlvd.	lb.	.30¼-	—
Sulphate, dms.	lb.	.51 -	.58
Cocaine hydrochloride, 100 ozs., cns.	oz.	9.75 -	—
Cochineal, gray, bgs.	lb.	.32 -	.36
Teneriffe, silver, bgs.	lb.	.33 -	.37
Cocillana bark, bgs.	lb.	.20 -	.21
Cocoa butter, lumps, bgs., c.l.	lb.	.2960-	—
Codeine, cns., 100 ozs.	oz.	11.70 -	—
Hydrochloride, cns., 100 ozs.	oz.	10.50 -	—
Phosphate, cns., 100 ozs.	oz.	9.00 -	—
Sulphate, cns., 100 ozs.	oz.	9.50 -	—
Codliver oil (see Oil, codliver)			
Cohosh, black, root, bls.	lb.	.07½-	.08
Blue, root, bls.	lb.	.06½-	.07
Colchicine, bots., 4 ozs.	oz.	25.00 -	—
single ozs.	oz.	26.00 -	—
Colchicum seed, bgs.	lb.	.23 -	.25
Collodion, USP, dms., 325 lbs.	lb.	.12½-	—
cns., 25 lbs.	lb.	.16 -	—
Flexible, USP, dms., 325 lbs.	lb.	.14½-	—
cns., 25 lbs.	lb.	.18 -	—
Colocynth pulp, bls.	lb.	.75 -	.77
Colombo root, bls.	lb.	.35 -	.36
Coltsfoot leaves, bgs.	lb.	.08 -	.09
Condurango bark, bgs.	lb.	.08 -	.09
Conium leaves, bls.	lb.	.18 -	.19
Copaiba balsam, Para, cns.	lb.	.37 -	.38
S.A., USP, cns.	lb.	.39 -	.40
Copper acetate, normal, bbls., c.l., works.	lb.	.22¾-	—
l.c.l., bbls.	lb.	.24¾-	—
Carbonate, 52-59%, bbls.	lb.	.16¼-	.17¼
18-20%, bbls.	lb.	.11½-	.12½
Chloride, bbls.	lb.	.17 -	.18
Cyanide, tech., bbls.	lb.	.37 -	—
Iodide, bots.	lb.	4.97 -	5.02
Metal, electrolytic.	lb.	.13 -	—
Oleate, precip., bbls.	lb.	.20 -	—
Oxide, black, bbls., tons, works,	lb.	.17½-	—
smaller, lots, works.	lb.	.18 -	—
Red, com'l, 50-75%, kgs., c.l., f.o.b. N. Y.	lb.	.17 -	—
l.c.l., f.o.b. N.Y.	lb.	.17¼-	—
Resinate, precip., bbls.	lb.	.18 -	.19
Stearate, precip., bbls.	lb.	.35 -	.40
Sulphate (see Blue vitriol)			

Cassia—Cream of Tartar

Copperas, cryst., gran., bgs., c.l., works.	ton.	14.00 -	15.00
bbls., c.l., works.	ton.	16.00 -	17.00
l.c.l., 25 or over, works.	100 lbs.	1.35 -	—
5-24, works	100 lbs.	1.50 -	—
1-4, works	100 lbs.	2.00 -	—
bulk, c.l., works.	ton.	12.00 -	13.00
Copra, bgs., Pacific Coast.	lb.	.05	Nom.
Coriander seed, Morocco, bgs.	lb.	.05¼-	.05¾
bleached, bgs.	lb.	.07 -	.07½
Russian, bgs, lbs.	lb.	No stocks.	
Corn sugar, tanners, bbls., dlvd.	100 lbs.	3.84 -	—
ex whse.	100 lbs.	3.74 -	—
Syrup, 42°, bbls.	100 lbs.	3.76 -	—
43°, bbls.	100 lbs.	3.86 -	—
Cornsilk, bls.	lb.	.07½-	.08
Corrosive sublimate, cryst., bxs.,	lb.	1.28 -	1.33
dms., 25 lbs.	lb.	1.20 -	—
gran., powd., bxs.	lb.	1.13 -	1.18
dms., 25 lbs.	lb.	1.05 -	—
Cottonroot bark, bls.	lb.	.12 -	.13
Cottonseed hull ash, 25-30% pot-ash bulk, dlvd. unit-	ton.	1.00 -	—
Coumarin, 5 lbs., or more, 25-lb. cns.	lb.	3.00 -	—
5-lb. cns.	lb.	3.10 -	—
1-lb. cns.	lb.	3.25 -	—
1-oz. cns.	lb.	3.60 -	—
less than 5 lbs., cns.	lb.	4.15 -	4.65
Cramp bark, genuine, bls.	lb.	.21 -	.22
so-called, bls.	lb.	.07 -	.09
Cranesbill root, bls.	lb.	.16 -	.20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't,	lb.	.15 -	—
kgs.	lb.	.15½-	—
smaller lots, bbls.	lb.	.15½-	—
kgs.	lb.	.16 -	—

EBG COMES CLEAN...GASEOUS CONTENTS REMOVED...*When cylinders, drums or tank cars are returned to EBG they are checked and the remaining gas removed. It is the first step in the careful process of making EBG containers spotlessly clean. Next comes valve removal, inspection and reconditioning, followed by an internal inspection with a special light. Cylinders are washed, dried, brushed, scraped and, if necessary, painted. Before and after filling, weight is rechecked, valve reinspected and every precaution taken to insure perfect closure and ease of operation. EBG Liquid Chlorine is pure...and it "comes clean".*

ELECTRO BLEACHING GAS COMPANY
MAIN OFFICE: 60 EAST 42nd STREET, NEW YORK, N. Y.
Plant: Niagara Falls, N. Y.

EBG Liquid Chlorine
FIRST IN THE COUNTRY

Creosote—Dyes

Creosote, wood, beech., bots.	lb.	.70 -	.75
pine, dms.	gal.	.28 -	—
USP, bots.	lb.	.45 -	.47
Carbonate, bots., cbys.	lb.	1.40 -	1.75
Oil, crude, tanks, works	gal.	.13 -	.13½
Coaltar solution, tanks, works	gal.	.113 -	.126
refd., bbls., c.l., works.	gal.	.22½-	—
l.c.l., works	gal.	.25 -	—
tanks, works	gal.	.16 -	.18½
Cresol, USP, dms., c.l., works.	lb.	.10 -	—
l.c.l., same basis.	lb.	.10½-	—
Crotonaldehyde, tech., dms., c.l., works.	lb.	.28 -	—
l.c.l., works	lb.	.30 -	—
Cube root, powd., 5% rotenone, bbls., 40,000 lbs., frt. equaled., with Newark, Balto., and West Coast.	lb.	.27¼-	—
20,000 lbs., same basis.	lb.	.27¾-	—
10,000 lbs., same basis.	lb.	.28½-	—
2,000 lbs., same basis.	lb.	.30 -	—
1,000 lbs., same basis.	lb.	.31 -	—
200 lbs., same basis.	lb.	.33 -	—
4% rotenone prices, 5c. per lb., less.			
coarse grd., 4% & 5% rotenone, prices 1c. less than powd.			
3% rotenone, 11c. less than powd.			
Cubeb berries, XX, bgs.	lb.	.34 -	.35
powd., cs.	lb.	.38 -	.39
Culver's root, bls.	lb.	.16 -	.17
Cumin seed, Algerian, bgs.	lb.	.07½-	.08
Indian, bgs.	lb.	.08¼-	.08¾
Morocco, bgs.	lb.	.07½-	.08
Cutch, Philippine, bls., c.l.	lb.	.04 -	—
Cyanamide, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports,			
dlvd. interior, NH_3 unit.		1.12½-	—
Atlantic ports, NH_3 unit.		1.07½-	—
Cyanide-chloride mixture, 75% gran., dms.	lb.	.16 -	.17
lump, dms.	lb.	.14 -	.16

D

Damiana leaves, bls.	lb.	.13 -	.14
Dandelion root, German, bls.	lb.	.23 -	.25
Deertongue leaves, bls.	lb.	.11 -	.12
Degras, common, dom., bbls.	lb.	.07¾-	.08
English, bbls.	lb.	.07¾-	.08
neutral, dom., bbls.	lb.	.11½-	.13
English, bbls.	lb.	.11½-	.13
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f. a. b. N. Y. C., or Balto., frt. prepaid to West Coast ports.	lb.	.39 -	—
30,000 lbs., contract or orders, basis.	lb.	.39½-	—
10,000 lbs., same basis.	lb.	.40 -	—
2,000 lbs., same basis.	lb.	.41 -	—
1 bbl., same basis.	lb.	.44 -	—
less than 200 lbs., same basis.	lb.	.47 -	—
import contracts, 30,000 lbs.	lb.	.21½-	—
10,000 lbs.	lb.	.22 -	—
4% rotenone prices 6c. per lb. less.			
Dextrin, British gum, bgs., c.l., f.o.b. Chicago.	100 lbs.	4.60 -	—
l.c.l., f.o.b. Chicago.	100 lbs.	4.80 -	—
Corn, canary, bgs., c.l., f.o.b. Chicago.	100 lbs.	4.35 -	—
l.c.l., f.o.b. Chicago.	100 lbs.	4.55 -	—
white, bgs., c.l., f.o.b. Chicago	100 lbs.	4.30 -	—
l.c.l., f.o.b. Chicago.	100 lbs.	4.50 -	—
Potato, import., bgs.	lb.	.07¾-	.08¾
Tapioca, bgs., ex whse.	lb.	.08 -	—
Diamyl ether, dms., c.l., works.	lb.	.085 -	—
l.c.l., works	lb.	.092 -	—
tanks, works	lb.	.075 -	—
Oxalate, dms., l.c.l., works.	lb.	.30 -	—
Phthalate, dms., c.l., dlvd.	lb.	.19½-	—
l.c.l., dlvd.	lb.	.20 -	—
tanks, dlvd.	lb.	.18½-	—
Sulphide, dms., l.c.l., works.	lb.	1.10 -	—
Diamylamine, dms., l.c.l. works	lb.	.75 -	—
Diamylene, dms., c.l., works.	lb.	.095 -	—
l.c.l., works.	lb.	.102 -	—
tanks, works	lb.	.085 -	—
Dianisidin, bbls.	lb.	2.25 -	2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works.	ton.	22.00 -	85.00
l.c.l., ex whse.	ton.	45.00 -	150.00
import., bgs., c.l., f.o.b. N.Y.	ton.	40.00 -	—
Dibutyl phthalate, dms.	lb.	.20 -	—
Tartrate, dom., dms.	lb.	.35 -	.40
import., dms.	lb.	.80 -	.85
Dicalcium phosphate (see Calcium phosphate, dibasic)			
Dichloroethyl ether, dms., c.l., works.	lb.	.15 -	—
l.c.l., works	lb.	.16 -	—
tanks, works	lb.	.14 -	—
Diethanolamine, dms.	lb.	.31 -	.35
Diethyl carbonate, coml., dms.	lb.	.31¾-	—
refd., 99%, dms.	lb.	.50 -	—
Carbinol (see Carbino)			
Phthalate, dms., c.l.	lb.	.18 -	—
l.c.l.	lb.	.18½-	—
tanks	lb.	.17 -	—
Diethylanilin, dms.	lb.	.50 -	—
Diethylene oxide, dms., c.l., works	lb.	.20 -	—
l.c.l., works	lb.	.21 -	.24
tanks, works	lb.	.19 -	—
Diethyleneglycol, dms., c.l., works	lb.	.18 -	—
l.c.l., works	lb.	.19 -	—
Monobutylether, dms., works.	lb.	.26 -	.27
Monoethylether, dms., c.l., works.	lb.	.16 -	—
l.c.l., works	lb.	.17 -	—
tanks, works	lb.	.15 -	—
Diethyl sulphate, dms., c.l., works.	lb.	.13 -	—
l.c.l., dms., works.	lb.	.14 -	—
tanks	lb.	.12 -	—
Digitalis leaves, dms.	lb.	.26 -	.30
Diglycol oleate, light, bbls.	lb.	.24 -	—
Dilleseed, recleaned, bgs.	lb.	.06¾-	.07¼
Dimethyl phthalate, dms.	lb.	.20½-	.21
Dimethylaniliin, dms.	lb.	.26 -	.27
Dimethylethyl carbinol (see Carbinol)			
Dinitrobenzene, bbls.	lb.	.16 -	.18
Dinitrochlorobenzene, bbls.	lb.	.16½-	.17½
Dinitronaphthalene, kgs.	lb.	.35 -	.38
Dinitrophenol, bbls.	lb.	.23 -	.24
Dinitrotoluene, dms.	lb.	.14¼-	.15½
oily, dms.	lb.	.09 -	—
Diorthotoluolguanidin, dms., 2,000 lbs. or over, dlvd.	lb.	.44 -	—
600-1,950 lbs., dlvd.	lb.	.46 -	—
150-450 lbs., dlvd.	lb.	.47 -	—
Dip oil (see Tar acid oil)			
Dipentene, dms.	gal.	.47 -	.50
tanks	gal.	.41 -	—
Diphenyl, bbls., c.l., works.	lb.	.15 -	—
l.c.l., works	lb.	.20 -	.25
Diphenyl, oxide, bots.	lb.	.70 -	1.00
Diphenylamine, bbls.	lb.	.31 -	.32
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd.	lb.	.35 -	—
600-1,950 lbs., dlvd.	lb.	.36 -	—
150-450 lbs., dlvd.	lb.	.37 -	—
Diphenylmethane, bots.	lb.	1.40 -	2.60
Disodium phosphate (see Soda phosphate, dibasic)			
Divi-divi, bgs., shipment	ton.	34.00	Nom.
Doggrass root, cut, bls.	lb.	.13 -	.14
Dogwood bark, dom., bls.	lb.	.07 -	.08
Jamaica, bls.	lb.	.06½-	.07
Dover's powder, USP, cns.	lb.	2.75 -	2.80
Dragon's blood, mass, cs.	lb.	.65 -	.85
reeds, thin, cs.	lb.	.90 -	1.00
Duboisine sulphate, vls.	oz.	34.50 -	35.00

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—

36 Chrome yellow 2G	lb.	.65 -	.70
40 Chrome yellow R	lb.	.50 -	1.00
53 Victoria violet	lb.	.80 -	1.00
165 Lake red C	lb.	1.15 -	1.25
176 Fast red A	lb.	.60 -	.75
180 Fast red VR	lb.	1.50 -	1.65
189 Lake red R, paste	lb.	.85 -	.90
189 Lake red R, powdered	lb.	3.00 -	3.10
202 Chrome blue black U	lb.	.32 -	.40
204 Chrome black A	lb.	1.75 -	2.00
208 Fast red blue R	lb.	.75 -	2.00
216 Chrome red B	lb.	1.75 -	2.00
262 Cloth red 2B	lb.	.60 -	.80
259 Fast cyanin 5R	lb.	.90 -	1.00
290 Chrome black F	lb.	.60 -	.65
307 Fast cyanin black B	lb.	.80 -	.85
326 Direct fast scarlet	lb.	2.00 -	2.25
364 Paper yellow	lb.	.83 -	.90
365 Chrysophenin G	lb.	.58 -	.70
394 Direct violet N	lb.	1.25 -	1.30
382 Direct scarlet B	lb.	1.50 -	1.75
387 Direct violet B	lb.	1.00 -	1.30
401 Developed black BHN	lb.	.50 -	.75
406 Direct blue 2B	lb.	.25 -	.30
415 Direct orange R	lb.	.60 -	.70
419 Direct fast red F	lb.	.75 -	.85
420 Direct brown M	lb.	1.00 -	1.10
448 Benzo purpurin 4B	lb.	.40 -	.42½
495 Benzo purpurin 10B	lb.	.40 -	.50
502 Direct azurin G	lb.	.75 -	.80
512 Direct blue RD	lb.	.80 -	1.00
518 Direct pure blue 6B	lb.	1.10 -	1.25
520 Direct pure blue	lb.	.50 -	1.00
529 Direct fast black FF	lb.	.55 -	1.00
581 Direct black EW	lb.	.25 -	.50
582 Direct black RX	lb.	.35 -	.45
593 Direct green B	lb.	.75 -	.80
594 Direct green G	lb.	1.00 -	1.05
596 Direct brown 3GO	lb.	.35 -	1.00
620 Direct yellow R	lb.	1.25 -	1.50
666 Acid violet	lb.	1.00 -	3.00
812 Primulin	lb.	.50 -	.52
814 Direct fast yellow	lb.	2.00 -	2.25
845 Nigrosin (water soluble)	lb.	.35 -	.50
1177 Indigo, 20 p.c., paste	lb.	.15 -	.18
Benzo fast black L	lb.	.90 -	1.00
Sulphur black	lb.	.20 -	.25
Sulphur blue	lb.	.40 -	1.00
Sulphur brown	lb.	.25 -	.50
Sulphur maroon	lb.	.40 -	—
Sulphur olive	lb.	.25 -	.54
Sulphur tan	lb.	.30 -	.50
Sulphur yellow	lb.	.30 -	.50
Zambesi black	lb.	.75 -	.80

Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)

Black:—			
805 Nigrosin derivatives	lb.	.42 -	—
Blue:—			
1075 Alizarin astrol base	lb.	15.00 -	—
1078 Alizarin cyanin green base	lb.	6.00 -	—
720 Victoria blue	lb.	.75 -	—
Browns:—			
Brown	lb.	1.15 -	—
Green:—			
1078 Alizarin cyanin green	lb.	5.00 -	—
.... Green	lb.	.75 -	—
Orange:—			
24 Sudan I	lb.	.70 -	—
.... Orange, red shade	lb.	.75 -	—
Red:—			
73 Sudan II	lb.	1.05 -	—
258 Sudan IV	lb.	.95 -	—
749 Rhodamine B (oil pink)	lb.	2.50 -	—
1080 Anthroquinone violet base	lb.	6.00 -	—
690 Oil violet	lb.	.50 -	—
Yellow:—			
15 Amidoazobenzene yellow	lb.	.90 -	—
17 Amidoazotoluene yellow	lb.	.75 -	—
61 Yellow OB	lb.	1.40 -	—

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—			
864 Nigrosin	lb.	.40 -	—
Blue:—			
729 Victoria blue	lb.	2.55 -	—
860 Indulin	lb.	.70 -	—
Brown:—			
331 Bismarck brown	lb.	1.50 -	—
Green:—			
637 Malachite green base	lb.	2.00 -	—
Orange:—			
20 Chrysoidin G	lb.	.95 -	—
21 Chrysoidin R	lb.	.95 -	—
Red:—			
677 Fuchsin, magenta base	lb.	7.25 -	—
749 Rhodamine B	lb.	4.75 -	—

FOR EXTERIOR PAINTS "TI-BAR"

REG. U.S. PAT. OFF.

"TI-PURE" CONTENT GIVES HIGH OPACITY

"TI-BAR," barium sulfate base titanium pigment, is designed for rugged duty and durability under severe exterior conditions. This pigment provides an economical means of meeting the growing demand for titanium dioxide in exterior paint pigments.

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KREBS PIGMENTS
REG. U.S. PAT. OFF.

WHITE PIGMENTS AND CHEMICAL DRY COLORS

KREBS PIGMENT & COLOR CORP., ... 1007 Market Street, Wilmington, Del.

Dyes, coaltar, for stains (numbers are those of Colour Index scale):—

Yellow:—
- 17 Amidoazotoluene yellow—lb. .75 - —
- 655 Auramine ....lb. 2.00 - —
- 800 Chinolin yellow SS..lb. 3.00 - —

Violet:—
- 680 Methyl violet....lb. 1.80 - —

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—
- 246 Naphthol blue black S. lb. .50 - —
- 865 Nigrosin ....lb. .36 - —
- 873 Methylene gray ....lb. 1.50 - —

Blue:—
- 714 Patent blue A....lb. 1.60 - —
- 729 Victoria blue B....lb. 2.00 - —
- 861 Indulin ....lb. .87 - —
- 900 New blue R....lb. 1.30 - —
- 922 Methylene blue....lb. 1.00 - —
- 1054 Alizarin saphirol B..lb. 1.90 - —
- 1180 Indigotin IA....lb. .85 - —

Brown:—
- 224 Resorcin brown Y...lb. .65 - —
- 235 Resorcin dark brown R. lb. .66 - —
- 231 Bismarck brown G..lb. .53 - —
- 332 Bismarck brown R..lb. .57 - —
- 798 Phosphin ....lb. 4.65 - —

Green:—
- 5 Naphthol green B...lb. 1.00 - —
- 607 Malachite green....lb. 1.35 - —
- 662 Brilliant green....lb. 2.00 - —
- 666 Guinea green B....lb. 1.15 - —
- 737 Wool green S....lb. .58 - —
- 924 Methylene green B..lb. 1.55 - —
- 1078 Alizarin cyanin green. lb. 2.35 - —

Orange:—
- 10 Chrysoidin G....lb. .40 - —
- 21 Chrysoidin R....lb. .37 - —
- 27 Orange G....lb. .50 - —
- 151 Orange Y....lb. .30 - —
- 161 Orange R....lb. .34 - —

Red:—
- 31 Amidonaphthol red G. lb. .42 - —
- 57 Amidonaphthol red 6B. lb. .66 - —
- 79 Ponceau R....lb. .49 - —
- 88 Fast red B....lb. 1.05 - —
- 176 Fast red A....lb. .54 - —
- 179 Azorubin ....lb. .52 - —
- 183 Crocein scarlet 3BX.lb. .60 - —
- 185 Cochineal red A....lb. .60 - —
- 252 Brilliant crocein M.lb. .68 - —
- 677 Fuchsin ....lb. 1.20 - —
- 749 Rhodamine B....lb. 3.50 - —
- 752 Rhodamine 6G....lb. 4.50 - —
- 768 Eosin G....lb. 1.50 - —
- 841 Safranin ....lb. 1.45 - —

Violet:—
- 680 Methyl violet B....lb. .82 - —
- 681 Crystal violet C....lb. 1.75 - —
- 695 Acid violet 4BN....lb. .88 - —

Yellow:—
- 10 Naphthol yellow S..lb. .88 - —
- 138 Metanil yellow....lb. .53 - —
- 626 Fast light yellow...lb. 1.25 - —
- 639 Xylene light yellow.lb. 1.15 - —
- 640 Tartrazin ....lb. .80 - —
- 655 Auramine ....lb. 1.27 - —

Dyes, natural (see name of article).

E

Echinacea root, bls....lb. .21 - .22
Egg albumen (see Albumen).
Yolk, dom., cs....lb. .63 Nom.
import, cs....lb. .53 - .54
Elder flowers, bright, bls....lb. .19 - .20
dark, bls....lb. .18 - .19
Elecampane root, bls....lb. .09 - .10
Elm bark, grinding, bls....lb. .12 - .13
powd., bbls., bxs....lb. .19 - .20
select, bndls., cs....lb. .35 - .36
Emetine hydrochloride, bots., oz. 15.00 -16.00
Ephedra, bls....lb. .06 - .07
Ephedrine, tins, 100 ozs....oz. 1.00 - —
Hydrochloride, tins, 100 ozs..oz. 1.00 - —
Sulphate, cryst., tins, 100 ozs.oz. 1.00 - —
powd., tins, 100 ozs....oz. 1.05 - —
Epsom salt, tech., bgs....100 lbs. 1.70 - —
bbls. ....100 lbs. 1.80 - —
USP, cryst., dom., bgs., c.l. 100 lbs. 1.90 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.15 - —
smaller lots....lb. 2.40 - —
bbls., c.l....lb. 2.00 - —
l.c.l., 5,000 lbs, 1 withdrawal..lb. 2.25 - —
smaller lots....lb. 2.50 - —
kgs., c.l....lb. 2.25 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.50 - —
smaller lots....lb. 2.75 - —
import, bgs....100 lbs. 2.00 - —
dried, dom., bgs., l.c.l...lb. .06 - .08
Ergot, USP, cs., dms....lb. 1.85 - 2.00
Eserine, bots....oz. 42.00 - —
Salicylate, bots....oz. 29.00 -30.00
Sulphate, bots....oz. 30.00 - —
Ether, acetic, dms....lb. .10 - .11
Ethyl (see Ether, sulphuric)
Nitrous, conc., bots....lb. .75 - .77
Sulphuric, conc., dms....lb. .09 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works....lb. .09 - —
USP, anesthesia, dms....lb. .26 - .27
USP, 1686, dms....lb. .39 - .40
washed, dms....lb. .87 - .88
Ethyl acetate, dms., c.l., frt. alld. lb. .07½- —
l.c.l., frt. alld....lb. .06 - —
tanks, frt. alld....lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .08½- —
l.c.l., frt. alld....lb. .09 - —
tanks, frt. alld....lb. .07½- —
Acetoacetate, dms., c.l., works. lb. .27½- —
l.c.l., dms., works....lb. .28 - —
Bromide, tech., dms....lb. .80 - .85
Caproate, cns....lb. 1.00 - —
Chloride, dms....lb. .22 - .24
Cinnamate, bots....lb. 2.40 - 4.25
Crotonate, dms., works....lb. 1.00 - 1.20
Formate, dms....lb. .27 - .28
Iodide, bots....lb. 5.55 - 5.70
Lactate, 55-gal. dms., works.lb. .32 - —
5-gal. dms., works....lb. .36 - —
Oxalate, dms....lb. .30 - .34
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylbensylaniliin, dms....lb. .86 - —
Ethylcellulose, 501 lbs. and over, works..lb. 1.00 - —
101 lbs., works....lb. 1.05 - —
smaller lots, works....lb. 1.15 - —
Ethylene bromide, dms....lb. .65 - .70
Dichloride, dms., c.l., works, E. of Rockies, frt. alld.lb. .0545- —
West of Rockies, same basis ....lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld....lb. .0644- —
West of Rockies, same basis ....lb. .0694- —
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. ....lb. .18 - .21
tanks ....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works ....lb. .21 - .24
tanks, works ....lb. .19 - —
Monoethylether, dms., c.l., works lb. .16 - —
l.c.l., works ....lb. .17 - —
tanks, works ....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works ....lb. .15 - —
tanks, works ....lb. .13 - —
Ethyleneglycol, monomethylether, dms., c.l., works..lb. .18 - —
l.c.l., works ....lb. .19 - .23
tanks, works ....lb. .17 - —
Ethylidinanilin, dms. ....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms....lb. .07½- —
tanks, same terms....lb. .06 - —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns, dms....lb. .60 - .65
Eucalyptus leaves, bls....lb. .10 - .11
Eugenol, cns....lb. 1.75 - 1.85
Euphorbia, bls....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton. 14.00 -15.00
glass, 20 mesh, bulk, works.ton. 11.00 -12.25
pottery, bulk, Me. works...ton. 17.00 -19.00
N.C. works....ton. 17.00 -19.00
Fennel seed, French type, bgs., lb. .07 - .07½
India, bgs....lb. .07 - .07½
German, large, bgs....lb. .18 - .19
small, bgs....lb. .13 - .14
Fenugreek seed, bgs....lb. .04½- .05½
Ferric sulphate, dms., works.ton. 35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½- .13
smaller lots, E. works. lb. .13½- .14
light, cs., 1,000 lbs. or over, E. works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .16
smaller lots, E. works.lb. .16 - .19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns....gal. 3.75 -12.00
Oregon, bbls....gal. 3.00 - 3.25
Fish berries, bgs....lb. .10 - .11
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. No Price
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto..ton. 58.00 Nom.
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts ....unit-ton. No price
sardine, meal, Calif., 12-13% ammon., bgs., c.l.f. E. Cst. ports..unit-ton. No prices.
Japanese, bgs., c.l.f. ports, April shipt..ton. 52.00 - —
spot, re-sale....ton. 55.00 - —
Flake white, bbls., kgs....lb. .09¾- .10¼
Flaxseed, French, black, bgs..lb. .12 - .12½
Indian, blonde, bgs....lb. .08 - .09
Fluorspar, enamel, 96-98%, bgs., ton. No prices.
standard gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines.. ton. No prices.
import., bulk, Atlantic ports, duty-paid..ton. No prices.
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines..ton. No prices.
powd., 97%, import., bgs., Atlantic ports, duty-paid..ton. No Prices
Formaldehyde, bbls., c.l. works, lb. .05¾- —
l.c.l., works....lb. .06¼- —
dms., c.l., works....lb. .05½- —
l.c.l., works....lb. .06¾- —
tanks, works....lb. .04½- —
Fringetree bark, bls....lb. .13 - .14
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton. 10.00 - —
import., bgs., c.l., ex dock.ton. 23.00 - —
l.c.l., ex whse....ton. 30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works ....lb. .17½- .25
tech., dms., contracts, 100,000 lbs., works..lb. .10 - —
c.l., works....lb. .12½- —
l.c.l., works....lb. .15 - .20
tanks, works....lb. .09 - —
Fusel oil, refd., dms. incl., dlvd, lb. .16 - .18
Fustic extract, cryst., bbls...lb. .20 - .22
liquid, bbls....lb. .08½- .09
solid, dms....lb. .16 - .18

G

G salt, bbls....lb. .45 - .46
Galangal root, bls....lb. .08 - .09
Gall extract, bbls....lb. .19 - .20
Gambier, common, bgs....lb. No prices
plantation, bgs....lb. .09 - .10½
Cubes, Singapore, bgs....lb. .09½- .10½
Extract, bbls....lb. .08½- .10½
Gasoline, at refinery:—
Bayonne, US motor, 62-65 octane, tanks..gal. .07 - —
65 octane, tanks....gal. .07½- —
above 65 octane, tanks.gal. .07½- —
California, 56-58, 375 e.p., tanks..gal. .07½- —
Gulf Coast, US motor, bulk.. gal. .05½- —
60-62, 390 e.p., bulk, export, gal. .05¾- —
60-62, 400 e.p., bulk, export, gal. .05¾- —
64-66, 375 e.p., bulk, export, gal. .05¾- .06
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .05½- .05¾
63-67 octane, tanks....gal. .06¼- .06½
68-70 octane, tanks....gal. .06½- .06¾
Gasoline, at refinery, Oklahoma-Texas, US motor, 62 octane and below, tanks gal. .05 - —
63-67 octane, tanks....gal. .05½- —
68-70 octane, tanks....gal. .06 - —
66-68 400 e.p., tanks....gal. .04¾- .04¾
64-66, 375 e.p., tanks....gal. .05 - .05½
natural, 12-lb. v.p., tanks, gal. .06¼- .06½
14-lb. v.p., tanks....gal. .06½- —
18-lb. v.p., tanks....gal. .04½- .04¾
22-lb. v.p., tanks....gal. .04½- .04¾
26-70-lb., v.p., tanks..gal. .03¾- .04
Pennsylvania, US motor, tanks, gal. .05½- .07¼
52-54, 450 e.p., naphtha, tanks..gal. .05½- —
60-62, 400 e.p., strt. run, tanks..gal. .06½- —

Gasoline, tankwagon and service station (Federal and State taxes included).

	T.W.	S.S.
Atlanta....gal.	.205	.225
Boston....gal.	.133	.16
Chicago....gal.	.157	.177
Cincinnati....gal.	.175	.185
Denver....gal.	.17	.19
Louisville....gal.	.18	.20
Minneapolis....gal.	.161	.181
New Orleans....gal.	.20	.235
New York....gal.	.15	.146
San Francisco....gal.	.17	.18

Gelatin, silver, cs....lb. .50 - .55
Geisemium root, bls....lb. .12 - .13
Gentian root, bls....lb. .14 - .15
grd., bbls, bxs....lb. .16 - .17
powd., bbls, bxs....lb. .17 - .18
Geraniol, cns....lb. .75 - 3.00
Geranyl acetate, bots....lb. 1.75 - 2.50
Ginger root, Africa, bgs....lb. .15¾ Nom.
Cochin, lemon, bgs....lb. .18¼- .19¾
Jamaica, bold, bgs....lb. .15 - .15½
grinding, bright, bgs....lb. .14 - .14½
medium, bold, bgs....lb. .14½- .14¾
Japanese, bgs....lb. .16 - .16¾
Ginseng fibers, cs....lb. 1.75 - 3.00
Root, cultivated, cs....lb. 2.60 - 4.00
wild, Southern, cs....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works... 100 lbs. 1.05 - 1.25
less than 5 tons, works.. 100 lbs. 1.15 - 1.35
import., bgs....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .12½- —
l.c.l., dlvd....lb. .13 - —
28/58, bgs., c.l., dlvd....lb. .13 - —
l.c.l., dlvd....lb. .13½- —
38/82, bgs., c.l., dlvd....lb. .14 - —
l.c.l., dlvd....lb. .14½- —
48/108, bgs., c.l., dlvd....lb. .14½- —
l.c.l., dlvd....lb. .15 - —
hide, calcimine type, 58 millipoise, 135 jelly grams, bgs., c.l., dlvd. East, Midwest..lb. .17½- —
l.c.l., same basis....lb. .18 - —
60/164, bgs., c.l., same basis.lb. .19 - —
l.c.l., same basis....lb. .19½- —
67/192, bgs., c.l., same basis.lb. .20 - —
l.c.l., same basis....lb. .20½- —
76/222, bgs., c.l., same basis lb. .21 - —
l.c.l., same basis....lb. .22 - —
83/251, bgs., c.l., same basis.lb. .22 - —
l.c.l., same basis....lb. .23 - —
92/283, bgs., c.l., same basis.lb. .23 - —
l.c.l., same basis....lb. .24 - —
102/315, bgs., c.l., same basis lb. .23½- —
l.c.l., same basis....lb. .24½- —
113/347, bgs., c.l., same basis lb. .24½- —
l.c.l., same basis....lb. .25½- —
125/379, bgs., c.l., same basis lb. .25½- —
l.c.l., same basis....lb. .26½- —

Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.

Glycerin, C.P., makers, cns., l.c.l. lb. .31 Nom.
resellers, cns., l.c.l....lb. .33 Nom.
dms., extra, c.l....lb. .29 Nom.
l.c.l. ....lb. .29½ Nom.
dynamite, dms., extra, c.l....lb. .29 Nom.
l.c.l. ....lb. .29½ Nom.
saponification, basis 82%, dms., returnable, dlvd..lb. .29 Nom.
soaplye, basis 80%, dms, returnable, dlvd..lb. .27 Nom.
yellow, distilled, dms. extra, cl. lb. .28¼ Nom.
l.c.l. ....lb. .29½ Nom.
Glycol boriborate, dms....lb. .23 - —
Phthalate, dms....lb. .20 - —
Stearate, dms....lb. .23 - —
Gold, U.S. purchase price....oz. 35.00 - —
Chloride, acid, brown, bots..oz. 21.75 -22.00
yellow, bots....oz. 19.75 -20.00
Gold-soda chloride, photo., bots, oz. 13.00 - —
USP IX, bots....oz. 14.50 -14.75
Gold of pleasure seed, bgs....lb. No stocks
Golden seal root, bls....lb. 3.00 - 3.25
powd., bxs....lb. 3.25 - 3.50
Grains of paradise, bgs....lb. .25 - .26
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
bbls., c.l., works....lb. .06½- —
l.c.l., works....lb. .06½- —
powd., 90% 325 mesh, 45% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works....lb. .02¾- —
l.c.l., works....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03½- —
bbls., c.l., works....lb. .03¾- —
l.c.l., works....lb. .04½- —
Grease, house, trcs....lb. .08¾- .08½
white, trcs....lb. .08¾- .09¾
yellow, trcs....lb. .08¾- .09¾
Wool (see Adeps lanae and Degras)
Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .20 - —
6-10%, bbls., same basis.lb. .21 - —
11-15%, bbls., same basis.lb. .22 - —
16-20%, bbls., same basis.lb. .22½- —
21-25%, bbls., same basis.lb. .23 - —
26-30%, bbls., same basis.lb. .23½- —
31-35%, bbls., same basis.lb. .24½- —
36-40%, bbls., same basis.lb. .26 - —
41-45%, bbls., same basis.lb. .27½- —
46-50%, bbls., same basis.lb. .29 - —
over 50%, bbls., same basis lb. .30 - —

Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1½c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

Dyes, Coaltar—Gum, Copal

Green, chrome, reduced, C.P. color content up to 5%, bbls., same basis..lb. .05¾- —
6-10%, bbls., same basis.lb. .06½- —
11-15%, bbls., same basis.lb. .07 - —
14-16%, bbls., same basis.lb. .07¼- —
17-19%, bbls., same basis.lb. .07½- —
20-21%, bbls., same basis.lb. .07¾- —
22-23%, bbls., same basis.lb. .08 - —
24-25%, bbls., same basis.lb. .08¼- —
26-27%, bbls., same basis.lb. .08½- —
28-29%, bbls., same basis.lb. .09 - —
30-31%, bbls., same basis.lb. .09¾- —
32-33%, bbls., same basis.lb. .11 - —
34-35%, bbls., same basis.lb. .12 - —
36-40%, bbls., same basis.lb. .14 - —
41-45%, bbls., same basis.lb. .16 - —
46-50%, bbls., same basis.lb. .16½- —
51-55%, bbls., same basis.lb. .17 - —
56-60%, bbls., same basis.lb. .17½- —
61-65%, bbls., same basis.lb. .18 - —
66-70%, bbls., same basis.lb. .19 - —
71-75%, bbls., same basis.lb. .20 - —
chrome, oxide, dom., pure, bbls. .20 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l., works....lb. .30 - —
standard grade, bbls., works..lb. .19 - .20
import, bbls., kgs., f.o.b. N.Y. ....lb. .15 - Nom.
tetrahydroxide, bbls....lb. .85 - —
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls....lb. .08½- .10
Guaiac resin, cs....lb. .35 - .40
strained, cs....lb. .90 - 1.00
Wood, bls....lb. .04 - .05
Guaiacol, liq., djns....lb. 1.65 - 1.92
Carbonate, bxs., kgs....lb. 2.15 - 2.40
Guarana, powd., cs....lb. .70 - .75
Gum, aloe (see A)
Ammoniac, tears., cs....lb. 1.05 - 1.10
Arabic, amber sorts, cleaned, bgs..lb. .10½- .11
white, sorts, 1, bgs....lb. .27 - .28
2, bgs....lb. .25 - .26
powd., bbls....lb. .14 - .15
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs....lb. 1.05 - 1.35
Sumatra, cs....lb. .17 - .18
Camphor (see C)
Chicle, bgs....lb. .40 - .45
Gum, copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran...lb. .44 - —

Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.

2, cloudy white, bgs., c.l., same basis..lb. .27½- —
3, selected pale straw bold, bgs., c.l. same basis..lb. .18½- —
4, pale bold straw, bgs., c.l., same basis..lb. .16¾- —
5, pale straw bold, bgs., c.l., same basis..lb. .14½- —
6, pale amber bold, bgs., c.l., same basis..lb. .12¾- —
7, pale straw bold, bgs., c.l., same basis..lb. .13¾- —
8, light amber bold, bgs., c.l., same basis..lb. .10¼- —
9, medium light amber bold, bgs., c.l., same basis..lb. .07¾- —
10, rescraped hard amber bold, bgs., c.l., same basis lb. .09¼- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .06¾- —
12, selected bold sorts, bgs., c.l., same basis..lb. .05¾- —
13, dark sorts bold, bgs., c.l., same basis..lb. .05¼- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .17¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .09¼- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¼- —
17, pale fingers, bgs., c.l., same basis..lb. .16¼- —
18, pale straw nubs, bgs., c.l., same basis..lb. .11 - —
19, pale straw nubs, bgs., c.l., same basis..lb. .10 - —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .06¾- —
21, ordinary selected nubs, c.l., same basis..lb. .06 - —
22, small mixed nubs, bgs., c.l., same basis..lb. .05½- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .05¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .12¾- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .05½- —
26, pale bold chips, bgs., c.l., same basis..lb. .05¾- —
27, pale small chips, bgs., c.l., same basis..lb. .05½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .04¾- —
East India, Batu, bold scraped, bgs., c.l., same basis.lb. .06¼- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .05¾- —
dust, bgs., c.l., same basis.lb. .05¼- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .07¼- —
unscraped, bgs., c.l., same basis..lb. .04½- —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe Macassar, pale, bold bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .06½- —
dust, bgs., c.l., same basis lb. .05¾- —
nubs, bgs., c.l., same basis..lb. .11¼- —
Singapore Basak, bold, bgs., c.l., same basis..lb. .15¾- —
chips, bgs., c.l., same basis lb. .05 - —
dust, bgs., c.l., same basis..lb. .05¾- —
nubs, bgs., c.l., same basis.lb. .10¾- —
Manila, Boeas, amber and dark, bakts., c.l., same basis..lb. .14 - —
light, bakts., c.l., same basis..lb. .18½- —
loba A, bakts., c.l., same basis..lb. .09¾- —
B, bakts., c.l., same basis.lb. .09¼- —
C, bakts., c.l., same basis.lb. .08¾- —
CNB, bakts., c.l., same basis..lb. .08 - —
D, bakts, c.l., same basis. lb. .06¾- —
DK, bakts., c.l., same basis lb. .08 - —
DU, bakts., c.l., same basis lb. .09¾- —
dust, bakts., c.l., same basis. lb. .06¼- —

Gum—Lithopone

Gum, copal, Manila, Sambas and white split chips, bskts., c.l., same basis..lb. .13¼- —
Singapore, dust, bskts., c.l., same basis..lb. .06½- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB, bskts., c.l., same basis lb. .08¾- —
MA, bskts, c.l., same basis. lb. .07¼- —
MB, bskts.,c.l., same basis. lb. .06¾- —
WS, bskts.,c.l., same basis. lb. .06¼- —
Philippine Manila amber sorts, bskts., c.l., same basis..lb. .07½- —
chips, pale, bskts., c.l., same basis..lb. .03¼- —
small, bskts., c.l., same basis..lb. .07½- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs,bskts.,c.l.,same basis.. lb. .10¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06½- —
Pontianak, bold, genuine, bgs., same basis..lb. .15½- —
mixed, bgs., c.l.,same basis lb. .13½- —
chips,bgs.,c.l.,same basis.lb. .09½- —
nubs,bgs.,c.l., same basis.lb. .12¾- —
split,bgs.,c.l., same basis.lb. .13½- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .23½- —
A/D, cs., c.l., same basis.lb. .18½- —
A/E, cs., c.l., same basis.lb. .15½- —
B, cs., c.l., same basis...lb. .22½- —
C, cs., c.l., same basis...lb. .18½- —
D, cs., c.l., same basis..lb. .15¾- —
dust, cs., c.l., same basis.lb. .05¾- —
E, cs., c.l., same basis...lb. .07½- —
F, cs., c.l., same basis...lb. .06½- —
Singapore, 1, cs., c.l., same basis..lb. .17½- —
2, cs., c.l., same basis...lb. .14½- —
3, cs., c.l., same basis...lb. .05¾- —
chips, cs., c.l., same basis.lb. .10½- —
dust, cs., c.l., same basis.lb. .05¾- —
seeds, cs., c.l., same basis.lb. .07⅞- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., 75,000 lbs., dlvd. lb. .11½- —
c.l., single shipment, dlvd. lb. .11½- —
l.c.l., 3,000 lbs., single shipment, dlvd..lb. .11¾- —
smaller lots, dlvd.....lb. .12 - —
Euphorbium, cs.....lb. .17 - .19
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls. .....lb. .05 - .06
Ghatti, soluble, bgs.....lb. .11 - .15
superior bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya XXX, bbls., bxs., dms. lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri, brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .33 - —
B1, cs., c.l., same basis..lb. .21 - —
B2, cs., c.l., same basis..lb. .15½- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .09½- —
pale, XXX, cs., c.l., same basis..lb. .65 - —
1, cs., c.l., same basis..lb. .40 - —
2, c.s., c.l., same basis..lb. .22 - —
3, c.s., c.l., same basis..lb. .15 - —
Kino, tins .....lb. .70 - .80
Mastic, c.s., c.l., same basis as copal..lb. .57 - .63
Myrrh, USP, cs.....lb. .35 - .40
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs.....lb. .13 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .33 - .35
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs. .....lb. .09¾- .10¼
Talha, bgs. .....lb. .05 - .06
Thus, bbls.....280 lbs.12.00 Nom.
strained, bbls.....280 lbs.12.00 Nom.
Tragacanth, Aleppo, 1, cs....lb. 2.40 - 2.50
2, cs. .....lb. 2.00 - 2.10
3, cs. .....lb. 1.95 - 2.05
4, cs. .....lb. 1.85 - 1.95
5, cs. .....lb. 1.65 - 1.75
Flake, bgs. .....lb. .80 - .75
Yucca, bgs., c.l., same basis as copal..lb. .03¼- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
Plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Piasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.60 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import., bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.20
Hellebore, white, root, powd., bbls.lb. 12 - .13
Helonias root, bls.....lb. .37 - .38
Hematine crystals, bbls.....lb. .16 - .24
Hemlock extract, 25% tan., bbls.lb. .03¼- —
tanks .....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .03½- .04½
Henbane leaves, bls.....lb. .22 - .23
Henna leaves, bls.....lb. .07 - .09
powd., bbls., bxs.....lb. .09 - .10
Heptane, mixed, 77-115°C., dms., c.l., Group 3..al. .12 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09¾- —
normal, 86-100°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms. .....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more shipments, same basis..lb. .46 - —
100 to 400 lbs. shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts.....lb. .10 - —
l.c.l., same terms.....lb. .10½- —
tanks, same terms.....lb. .09 - —
Homatropine hydrobromide, bots., vls..oz.13.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago..unit-ton. 3.50 - —
Hops, dom., 1935 crop, bls....lb. .26 - .52
import., 1935 crop, bls.....lb. .55 - .80
Horehound, bls.....lb. .07½- .09
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, vls.....oz.17.00 -17.25
Hydrochloride, vls.....oz.17.00 -17.25
Sulphate, vls.....oz.19.00 -19.25
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen, peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys.,E.of Miss.R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyoscine hydrobromide, vls...oz.18.00 -18.25
Hyoscyamine, vls. .....oz.15.00 - —
Hydrobromide, vls. .....oz.15.00 - —
Sulphate, vls. .....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs. .....lb. .17 - .20

I

Iceland moss, bls.....lb. .13 - .14
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, kgs.....lb. .90 - —
resubl., kgs.....lb. 1.50 - 1.55
tincture, bbls.....gal. 1.90 - —
Iodoform, kgs., 100 lbs.....lb. 3.75 - 3.80
Ionone, bots.....lb. 3.25 - 4.00
Ipecac root, bgs.....lb. 1.00 - 1.10
powd., bxs.....lb. 1.10 - 1.20
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .24 - .32
prime, bleached, bls.....lb. .20 - .21
Iron acetate, CP, 17% solut.,bbls. lb. .03 - .04
Chloride, tech., cryst., bbls., kgs..lb. .05 - .06
USP, cryst., bbls.....lb. .07½- .08
solut., cbys.....lb. .06¼- .06½
Citrate, USP VIII, pearls, cns. lb. .72 - —
powd., cns.....lb. .84 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 3.00
syrup, djns.....lb. .37 - .38
bots. .....lb. .52 - —
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .53 - .55
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls,cns.lb. .54 - —
scales, cns.....lb. .59 - —
Ferrous, cns.....lb. .35 - —
Pyrophosphate, pearls, cns...lb. .59 - —
scales, cns.....lb. .64 - —
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04¼- .04½
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .38
pearls, cns.....lb. .37 - .38
scales, cns.....lb. .47 - .48
green, gran., cns.....lb. .37 - .38
pearls, cns.....lb. .37 - .38
scales, cns.....lb. .47 - .48
Oxalate, bxs.....lb. .31 - —
fib., dms.....lb. .24½- —
kgs. .....lb. .26½- —
Iron-potash oxalate, bbls.....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs.....lb. .31 - —
fib., dms.....lb. .24½- —
kgs. .....lb. .26½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanol, see Alcohol, isopropyl.
Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l. same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l. .....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .21 - .22
Juniper berries, bgs.....lb. .05½- .06

K

Kamala, tins.....lb. .45 - .50
Kava kava root, bls.....lb. .21 - .25
Kerosene, at refinery:—
Bayonne, 41-43 w.w.,tanks,gal. .05¾- —
Gulf ports,p.w.,bulk,export,gal. .05 - .05¼
w.w., bulk, export.....gal. .05¼- .05½
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04¼- 04½
Oklahoma-Texas, 41-43 w.w. tanks—gal. .04 - —
42-44 w.w., tanks.....gal. .04¼- —
Pennsylvania, 45 w.w., tanks. gal. .04⅞- .05
46 w.w., tanks.....gal. .05 - .05¼
47 w.w., tanks.....gal. .05¼- .05½
Kerosene, tankwagon:—
Atlanta .....gal. .14½- —
Boston .....gal. .07½- —
Chicago .....gal. .098 - —
Cincinnati .....gal. .135 - —
Denver .....gal. .11 - —
Louisville .....gal. .10 - —
Minneapolis .....gal. .102 - —
New Orleans.....gal. .11 - —
New York.....gal. .07¼- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No price
Kola nuts, bgs.....lb. .09 - .10

L

Lady slipper root, bls.....lb. .42 - .45
Lanolin (see Adeps lanae).
Lard, city tubs.....100 lbs.12.75 -13.00
Middlewestern, trcs...100 lbs.12.75 -12.85
Western, choice trcs...100 lbs.12.85 -12.95
Compound, trcs.....100 lbs.13.50 -13.75
Neutral, trcs.....100 lbs.13.75 -13.85
Larkspur seed, bgs.....lb. .25 - .26
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .05 - .05½
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls.....lb. .60 - .75
Lead acetate, white, broken, bbls..lb. .11½- —
cryst., bbls .....lb. .11½- —
gran., bbls.....lb. .12¼- —
powd., bbls.....lb. .12¼- —
Arsenate, dms., c.l., consumer, E. of Rockies..lb. .10 - —
W. of Rockies.....lb. .09¾- —
dealers, E. of Rockies..lb. .09½- —
W. of Rockies.....lb. .09½- —
1,000 lbs. or more, dms., consumer, E. of Rockies..lb. .10½- —
W. of Rockies.....lb. .10¼- —
dealers, dms., E. of Rockies, lb. .10 - —
W. of Rockies.....lb. .09¾- —
less than 1,000 lbs., consumer, E. of Rockies..lb. .11 - —
W. of Rockies.....lb. .11 - —
dealers, E. of Rockies..lb. .10½- —
W. of Rockies.....lb. .10½- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., dlvd., E..lb. .06½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .07 - —
l.c.l., dlvd., E.....lb. .06¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .07¼- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. .49 - .50
Iodide, jars.....lb. 2.35 - 2.40
Linoleate, pale, precip., dms.lb. .18 - —
Metal (see daily quotations in market report)
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .20½- —
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0875- —
other points.....lb. .0850- —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .09¾- —
Colo., Mont., N. Mex., Wyo.....lb. .09½- —
other points.....lb. .09 - —
smaller lots, dlvd., Ala., etc..lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
97%, Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.lb. .09 - —
other points.....lb. .08¾- —
l.c.l., 5 tons, dlvd., Ala., etc...lb. .09½- —
Ariz., etc.....lb. .10 - —
Colo., etc.....lb. .09¾- —
other points.....lb. .09¼- —
smaller lots, dlvd. Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10½- —
Colo., etc.....lb. .10¼- —
other points.....lb. .09¾- —
98%, Pb_3O_4, bbls., c.l. (20 tons) dlvd., Ala., etc.lb. .0925- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd. Ala., etc...lb. .09¾- —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10 - —
other points.....lb. .09½- —
smaller lots, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
in oil, steel kegs, 1,000 lbs..lb. .11¼- —
500 lbs.....lb. .11½- —
smaller lots.....lb. .12½- —
Resinate, fused, bbls.....lb. .09 - .10
precip., bbls.....lb. .14 - —
Stearate, bbls.....lb. .22 - .23
Sulphate (see Lead, white)
Titanate, bbls., c.l., f.o.b. works frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy, dlvd. lb. .10¾- —
smaller lots.....lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .07½- —
other points.....lb. .07¼- —
l.c.l. dlvd. Ariz., etc..lb. .07¼- —
other points.....lb. .07½- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
l.c.l., dlvd. Ariz., etc..lb. .07¼- —
other points.....lb. .06¾- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .10¾- —
500 lbs., dlvd.....lb. .11 - —
smaller lots, dlvd.....lb. .12 - —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .28
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .20 - .21
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa.....ton. 7.00 - —
Berkeley, W. Va.....ton. 7.00 - —
California, northern..ton.11.80 - —
southern .....ton.11.45 - —
Cedar Hollow, Pa...ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Ten.....ton. 6.25 - —
Leroy, Minn.....ton. 8.00 - —
Limedale, Ark.....ton. 7.00 - —
Longview, Ala.....ton. 6.25 - —
Marble Cliff, Ohio...ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich....ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 8.50 - —
Berkeley, W. Va....ton. 8.50 - —
Buffalo .....ton.11.00 - —
California, northern..ton.15.30 - —
southern .....ton.13.95 - —
Cedar Hollow, Pa...ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Millitown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Siluria, Ala.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
Salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex. .....lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs. or more, bgs, same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
Solution, dms., consumer, c.l., works, fr't all'd..gal. .13½- .16½
dealer, fr't all'd.....gal. .13 - .16
l.c.l., consumer, fr't all'd gal. .15 - .18
dealer, fr't all'd.....gal. .14 - .17
tanks, consumer, dlvd...gal. .11½- —
dealer, dlvd.....gal. .11 - —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, bots.....lb. 1.50 - 2.25
Linden flowers, with leaves,bls.lb. .16 - .17
without leaves, bls.....lb. .17 - .18
Linseed cake, bgs., export....ton.34.00 - —
Meal, 32%, dom., bgs.....ton.42.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .0775- —
other points.....lb. .0750- —
6 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash....lb. .08¼- —
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash...lb. .08¾- —
Colo., Mont., N. Mex., Wyo..lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd., Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
Lithium bromide, jars.....lb. 1.70 - 1.75
Carbonate, bbls.....lb. 1.25 - 1.30
Chloride, bbls.....lb. 1.65 - 2.00
Citrate, bbls.....lb. 1.40 - 1.50
Iodide, bots.....lb. 4.85 - —
jars .....lb. 4.70 - —
Fluoride, bbls.....lb. 2.00 - 2.50
Lithopone,dom.,high-strength,bgs., 1,000 lbs., dlvd. E. or ex whse. Pac. Cst.....lb. .06¾- —
smaller lots, same basis.lb. .06 - —
bbls., 1,000 lbs., same basis, lb. .06 - —
smaller lots, same basis.lb. .06¼- —
ordinary, bgs., 1,000 lbs., same basis..lb. .04½- —
smaller lots, same basis.lb. .04½- —
bbls., 1,000 lbs., same basis..lb. .04½- —
smaller lots, same basis lb. .04¾- —
spray, paper bgs., f.o.b. Bellefonte, Pa...ton. 9.00 - —
Durbin, Ohio.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Marble Cliff, Ohio...ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind.....ton. 9.00 - —
Scioto, Ohio.....ton. 9.00 - —
Sherwood, Wis.....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —

Lithopone, dom., titanated, bgs., 1,000 lbs., same basis..lb. .05¾- —
smaller lots, same basis.lb. .06 - —
bbls., 1,000 lbs., same basis, lb. .06 - —
smaller lots, same basis.lb. 06¼- —
Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .13 - .15
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls.lb. .16 - .20
liquid, 51°, bbls.....lb. .08¼- .10¼
solid, bxs.....lb. .13½- .17
Sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .35 - .37
Lupulin, N.F., tins.....lb. 1.75 - 2.00
Lycopodium, cs.....lb. .95 - 1.00

M

Mace, Banda, cs.....lb. .62 - .64
Batavia, cs. .....lb. .48 - .49
Siauw 1. cs.....lb. .55 - .57
Madder, Dutch, ngs.....lb. .22 - .25
Magnesia arsenate, bgs.....lb. .18 - .20
Calcined, dom.,-four-hour,including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .28 - —
1-lb. pkgs., same basis.lb. .33 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis, lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis, lb. .27 - —
super light, bbls., same basis..lb. .30 - —
calcined, USP, import., heavy, pharm., bbls..lb. .50 - —
light, extra, bbls.....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., bgs., c.l., works..lb. .06 - .06¼
USP, bbls., c.l.....lb. .08½- .09
Chloride, flake, dom., bbls., works..ton39.00 -42.00
Hypophosphite, cns.....lb. 1.45 - 1.60
Oxide (see Calcined)
Palmitate, bbls.....lb. .33 Nom.
Peroxide, 15%, dms., works.lb. 1.00 - 1.95
Silicate (see Talc)
Silicofluoride, bbls.....lb. .09½- .10½
Stearate, bbls., ctns., c.l.....lb. .21 - —
1 ton .....lb. .22 - —
1,000-2,000 lbs.....lb. .23 - —
smaller lots.....lb. .24 - —
Sulphate (see Epsom salt)
Magnesite,cal., import., bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash...ton.24.00 - —
Malva flowers, black, bls.....lb. .40 - .42
Blue, bls. .....lb. .45 - .50
Leaves, bls. .....lb. .11 - .13
Manaca root, bls.....lb. .20 - .21
Mandrake root, bls.....lb. .10 - .11
Manganese acetate, dms.....lb. .25½- .26¼
Arsenate, bgs.....lb. .12 - .12½
Borate, tech., bbls.....lb. .15 - .16
Chloride, bbls.....lb. .09 - —
Dioxide, Caucasian, 85-90%, csks., c.l., works..ton.51.50 - —
l.c.l., 5 tons, works..ton.54.50 - —
smaller lots, works.ton.59.50 - —
burlap bgs.,c.l., works.ton.49.50 - —
l.c.l., 5 tons, works..ton.52.50 - —
smaller lots, works.ton.57.50 - —
paper bgs., c.l., works.ton.47.50 - —
l.c.l., 5 tons, works.ton.50.50 - —
smaller lots, works.ton.55.50 - —
Glycerophosphate, bbls., cans., 100 lbs..lb. 2.60 - 2.65
Hydrate, bbls., dlvd.....lb. .80 - —
Iodide, bots., jars.....lb. 5.10 - 5.15
Linoleate, liquid, 4%, dms...lb. .18 - .19¼
solid, precip., 8.2%, bbls...lb. .17½- .19
Ore, 52% basis, bbls., c.l.f. Atl. pts..unit-ton. .26 - .27
Resinate, fused, 5½%, bbls..lb. .06¼- .06½
precip., dms.....lb. .12 - —
Sulphate, anhyd.,bbls.,works.lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South.....ton.48.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03¼- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt., ton.26.00 -27.00
Manna, flake, large, cs.....lb. .36 - .37
small, cs.....lb. .21 - .22
Mannitol, pure, cryst., cs., works lb. 1.48 - —
Marble flour, bgs.....ton.12.00 -14.00
Marjoram, French, bbls.....lb. .17 - .17½
Tunisan, bls.....lb. .16 - .16½
Matico leaves, bls.....lb. .29 - .30
Menthol, cs.....lb. 3.35 - 3.45
synthetic, cs.....lb. 2.25 - 2.50
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb., lots.....lb. 3.10 - —
Mercurial ointment, 30%, pails. lb. .87 - .89
50%, pails.....lb. 1.26 - 1.28
Mercury (see Quicksilver)
Bichloride (see Corrosive sublimate)
Bisulphate, kgs.....lb. 1.33 - —
Chloride (see Calomel)
Iodide, red, kgs., jars.....lb. 3.55 - 3.60
Yellow, kgs., jars.....lb. 3.65 - 3.70
Nitrate ointment (see Citrine ointment)
Oxide, black, dms., kgs.....lb. 3.85 - —
Red, N.F. (see Red precipitate) tech. (see Red, mercury oxide)
Yellow, dom., tech., bbl....lb. 1.49 - —
USP, dms., kgs.....lb. 1.91 - —
Mercury and chalk, kgs.....lb. .90 - .91
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.65 - 1.90
Gold,XX deep,3⅜x3⅜ in.pkg.14.50 -15.00
3⅜x3⅜ in.....pkg.16.00 -16.50
4x4 in.....pkg.18.50 -19.00
3⅜x5⅞ in.....pkg.21.50 -22.00
3⅜x5⅞ in.....pkg.23.50 -24.00
Silver, 3⅜x3⅜ in.....pkg. 2.50 - 2.75
Metanitroanilin, kgs.....lb. .67 - .69
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenediamine, kgs.....lb. .85 - —
Methanol, denat. grade, dms., c.l., frt. alld..gal. .53 - —
contracts .....gal. .50 - —
tanks, frt. alld.....gal. .48 - —
contracts, frt. alld....gal. .45 - —
pure, dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld.....gal. .41 - —
3, frt. alld.....gal. .42 - —
4, frt. alld.....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld.gal. .33 - —
2, frt. alld.....gal. .35½- —
3, frt. alld.....gal. .36½- —
4, frt. alld.....gal. .37 - —
95%, 2c. less than pure, all zones, frt. alld.
97%, 1c. less than pure, all zones, frt. alld.

Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J. N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 90%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld. E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies.....lb. .13½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., c.l., works, frt. alld. .....lb. .29½- —
Acetone, dms., c.l., contracts, Zone 1, frt. alld..lb. .45½- —
2, frt. alld.....gal. .47½- —
3, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .48 - —
2, frt. alld. or dlvd....gal. .52½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .65½- —
5, frt. alld. or dlvd....gal. .58½- —
tanks, contracts, Zone 1, frt. alld..gal. .41 - —
2, frt. alld.....gal. .42½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —

Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zone 4, Ariz, Col., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.

synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies, gal. .54½- —
3, Pacific coast.....gal. .55½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies, gal. .59½- —
3, Pacific coast.....gal. .58 - —
tanks, Zone 1, frt. alld. E of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies, gal. .49½- —
3, Pacific coast.....gal. .51 - —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific coast.

Methyl alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, bots.....lb. .70 - 1.00
Chloride, cylrs.....lb. .37 - .43
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .65 - .36
Iodide, bots., jars.....lb. 5.80 - 6.35
Salicylate, dms.....lb. .40 - .43
tins .....lb. .42 - .45
Violet toner, bbls. (500 lbs.)lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms.....gal. .12 - —
tanks, same terms.....gal. .10½- —
Methylene, blue, medicl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs.....lb. 2.35 - —
Methylene chloride, dms., f.o.b. works..lb. .12 - —
Methylheptenone, bots.....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metronite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
Metronite, pigment, 250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 46 mesh, bgs.,c.l., works.ton.35.00 - —
l.c.l., works.....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works.....ton.41.25 - —
250, 160 mesh, bgs., c.l., works..ton.40.00 -50.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works.....ton.29.90 -47.50
200, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works.....ton.30.00 -37.50
Mica, wet-grd., 160 mesh, pure white, bgs., c.l., dlvd., E. of Miss R..100 lbs. 4.50 - —
W. of Miss. R...100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss R. 100 lbs. 3.50 - —
W. of Miss. R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Michler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbls., c.l..lb. .10¼- —
l.c.l. .....lb. .11¼- —
spray, bbls., c.l.....lb. .11 - —
l.c.l. .....lb. .12 - —
Milk powder, unskimmed, roller, bbls., c.l..lb. .21½- .22
l.c.l. .....lb. .22 - .22½
spray, bbls., c.l.....lb. .21½- .22
l.c.l. .....lb. .22 - .22½
Millet seed, bgs.....lb. .03½- .04
hulled, bgs.....lb. .06½- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .07¼- —
New Orleans.....gal. .07 - —
Molybdenum metal, 98%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l., works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .08½
l.c.l., same basis.....lb. .30 - —
Monoethanolamine, dms., c.l., works..lb. .31 - —
l.c.l., dms .....lb. .32 - —
tanks .....lb. .30 - —
Monoethylanilin, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz.10.00 -10.95
Acetate, bots.....oz. 8.80 - 8.85
Ethylhydrochloride, vls.....oz.10.50 -10.55
Hydrobromide, cns.....oz. 8.70 - 8.75
Sulphate, cns.....oz. 8.75 - 8.80
Mullein flowers, cns.....lb. .90 - .95
Leaves, bls.....lb. .07 - .08
Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots.....oz.21.00 -22.00
pods, bots.....oz.14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk Root, bls.....lb. .09 - .10
Mustard seed, Bombay, brown, bgs..lb. .05¾Nom.
California, brown, bgs.....lb. .06½- .07
yellow, bgs.....lb. No stocks
Chinese, yellow, bgs.....lb. .06 - .06½
Danish, yellow, bgs.....lb. .08¼- .08¾
Dutch, yellow, bgs.....lb. .07½- .08
English, yellow, bgs.....lb. .09 - .09½
Hungarian, yellow, bgs.....lb. .07¾- .07½
Montana, brown, bgs.....lb. .07¾ Nom.
yellow, bgs.....lb. .07 - .07½
Roumanian, yellow, bgs.....lb. .06½- .07
Myrobalans, J1 bgs, shipt..ton.28.00 - —
J, bgs, shipt.....ton.20.75 - —
R2, bgs., shipt.....ton.20.25 - —
Extract, liquid, 25%, bbls....lb. .04¼- .05¼

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 bgs. 2.85 - 3.00
import., 74-78% bgs., Atlantic ports..100 lbs. 2.85 - 3.00
Naphthalene refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
cs., same basis.....lb. .07¼- —
pkgs, (16 oz.), same basis. lb. .08 - —
(12 oz.), same basis..pkg. .06¼- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rics, cryst., powd., bbls., same basis..lb. .07¼- —
Nerolin, cryst., cns.....lb. 1.25 - 1.35
Nickel carbonate, bbls.....lb. .36 - .37½
Chloride, bbls.....lb. .18 - .19¾
kgs. .....lb. .21 - .22
Oxide, black, bbls.....lb. .35 - .38
Salt, double, bbls.....lb. .13 - .13½
single, bbls.....lb. .13 - .13½
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .76 - —
10-lb. tins.....lb. .86½- —
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .06 - —
l.c.l. .....lb. .09 - —
tanks .....lb. .07½- —
Nitrocellulose, alcohol-soluble, ¼, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 50, 40, 70 sec. vis., bbls., works..lb. .29 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., works..lb. .26 - —
Nitrocellulose, lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .20 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable. A contract price of 25c. is standard for consumers of 10,000 pounds of nitrocellulose a year.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Jan.-June unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrolliville, Wis., Jan.-Apr. shipt...unit-ton. 3.50 - —
Chemical, Ill..unit-ton. 3.50 Nom.
East Coast producing points..unit-ton. 3.60 Nom.
import., bgs., c.l.f. Atlantic ports, shipt..unit-ton. No Prices
Nitronaphthalene, bbls.....lb. .24 - .25
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmmt., cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19¼- .19¾
110s, 80s, bgs., cs.....lb. .17 - .17½
West Indian, bgs.....lb. .15½- .16
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .06½- .07

O

Oakbark extract, 25% tan., bbls. lb. .03½- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .11 - —
l.c.l., G.3.....gal. .15 - —
tanks, G.3 .....gal. .08½- —

Lithopone—Gaultheria

Octyl acetate, dms., c.l.,works.lb. .16 - —
l.c.l., works.....lb. .17 - —
small lots, works.....lb. .20 - —
tanks, works .....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 3.00
a.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns.....lb. .75 - .76
Amber, crude, cns.....lb. .20 - .21
refd., cns.....lb. .52 - .57
Amyris, cns.....lb. 2.70 - 2.75
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.72.00 -90.00
Anilin (see A)
Anise, USP, cns, dms.....lb. .95 - 1.00
Apricot kernel, cns.....lb. .30 - .31
dms. .....lb. .28 - —
Babassu, tanks, futures.....lb. .11¼- —
Bay, W. I., cns.....lb. 1.30 - 1.50
Bergamot, artif., cns.....lb. 1.00 - 1.30
natural, coppers.....lb. 3.50 - 4.00
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectifd., cns.....lb. .70 - .76
Bois de rose, Brazil, cns...lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.75 - 3.00
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .42 - .45
USP IX, cns.....lb. .45 - .47
Calamus, cns.....lb. 3.50 - 3.75
Camphor, sassafrassy, cns..lb. .19 - .20
dms. .....lb. .16 - .17
white, cns.....lb. .21 - .22
dms. .....lb. .18 - .19
Cananga, native, cns.....lb. 1.75 - 2.25
rectified, cns.....lb. 3.00 - 3.35
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.10 - 2.25
Cardamom, bots.....lb.15.00 -22.00
Cassia, USP, cns., dms.....lb. 1.00 - 1.05
Castor, blown, one-way dms., c.l..lb. 12¼- —
l.c.l. .....lb. .13 - —
medicinal, bbls, c.l.....lb. .10¾- —
l.c.l. .....lb. .11¼- —
cns. (1-gal.), l.c.l.....lb. .14¼- —
dms. (returnable), c.l....lb. .10¾- —
l.c.l. .....lb .12¼- —
(5-gal.), l.c.l.....lb. .12½- —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l. .....lb. .11 - —
dms. (returnable), c.l....lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09¼- —

Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12½- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. 1.00 - 1.05
dms. .....lb. .95 - 1.00
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms.....lb. .22 - .25
Celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs..lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms., Atlantic Cst. lb. .15¼- .15½
tanks, futures.....lb. .1420- .1440
Cinnamon, Ceylon, bots.....lb. 9.00 -22.00
Seychelle, bots.....lb. 6.50 - 7.50
Citronella, Ceylon, cns.....lb. .49 - .56
dms. .....lb. .47 - .54
Java, dms.....lb. .48 - .50
Clove, makers, USP, cns.....lb. 1.17 - —
dms. .....lb. 1.15 - —
Coconut, Manila, crude, tanks. lb. .08¾- —
futures .....lb. .08¼- .08½
Pac. Cst.....lb. .07¾Nom.
edible, 76°, tax incl., dms., (returnable), c.l..lb. .14½- —
l.c.l. .....lb. .15¼- —
tanks .....lb. .14¼- —
Cod, Newfoundland, tanked, bbls..gal. .51 Nom.
Norwegian, bbls.....gal. .42 - .46
Codliver, med., Norwegian, bbls..bbl.27.00 -28.00
poultry, USP, bbls.....gal. .82 - .85
Coriander, bots.....lb. No stocks
Corn, crude, tanks, works...lb. .10½Nom.
refd., bbls.....lb. .13 Nom.
Cottonseed, dom., cooking, bbls. 100 lbs.12.87½- —
salad, bbls.....100 lbs.13.00 - —
import., Brazilian semi-refd., dms..lb. .0780- —
British, semi-refd., dms..lb. .08½Nom.
Cresote (see C).
Croton, USP, cns.....lb. 1.80 - 1.85
Cubeb, USP, cns.....lb. 2.85 - 3.25
Crude (see Petroleum, crude).
Cumin, bots.....lb. 8.50 -10.00
Cypress, cns.....lb.12.00 - —
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.85 - —
California, 27 plus, bulk..bbl. 1.00 - 1.25
Dill seed, bots.....lb. 3.15 - 3.30
Weed, bots.....lb. 5.00 - 5.50
Dip (See D).
Erigeron, cns.....lb. 1.45 - 1.55
Eucalyptus, cns.....lb. .48 - .49
dms. .....lb. .46 - .47
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California, tide-water..bbl. .85 - .95
Gulf Coast.....bbl. 1.00 - —
Louisiana-Arkansas, 10-14, bbl. .60 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.20 - —
Tuesday .....bbl. 1.20 - —
Wednesday .....bbl. 1.20 - —
Thursday .....bbl. 1.20 - —
Friday .....bbl. 1.20 - —
Saturday .....bbl. 1.20 - —
North Texas, 18-22.....bbl. .72½- .80
24-28, zero cold test..bbl. .95 - 1.00
Oklahoma, 18-22.....bbl. .72½- .80
24-28, zero cold test..bbl. .95 - 1.05
24-28, 15 and above...bbl. .80 - .85
Pennsylvania, 36-40.....gal. .04½- .04⅝
Furnace, Bayonne, 1, bulk, refinery..gal. .04¾- .05
2, bulk, same basis.....gal. .04½- —
3, bulk, same basis.....gal. .04¼- —
4, bulk, same basis.....gal. .04¼- —
Louisiana - Arkansas, 36 - 40, light straw.....gal. .03¼- .03½
Oklahoma, 28-30.....gal. .02¾- .03
32-36 .....gal. .03½- .03¼
36-38 .....gal. .03½- .03¾
38-40, straw.....gal. .03¼- .03¾
38-40, zero, 60 e.p.....gal. .03¾- .03½
Fusel (see F).
Gas, Bayonne, bulk.....gal. .04½- —
Gulf Coast, bulk.....gal. .03¼- .03½
North Texas, bulk.....gal. .02½- .03¾
Oklahoma, bulk.....gal. .03 - .03¼
Gaultheria (see Oil, wintergreen leaf).

Oil, Geranium—Pareira Root

Oil, geranium, Algerian, rose, cns..lb. 4.85 - 6.25
Bourbon, cns..lb. 4.75 - 5.65
Turkish (see Palmarosa).
Grapefruit, cns..lb. 2.50 - 2.85
Ginger, dist., bots..lb. 6.25 - 7.25
Guaiac wood, concrete, bots..lb. 3.10 - 3.15
Haarlem, dom., bots..gross 3.25 - 3.35
import, bots..gross 3.40 - 3.50
Halibut-liver, dms.
1,000 A unit-gal. .75 - 1.00
Hemlock, cns..lb. 1.05 - 1.10
Juniper berry, USP, cns..lb. 1.00 - 3.00
Wood, tech., cns..lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .35 - .50
cns..lb. .38 - .53
Lard, common, 1, bbls..100 lbs.12.75 - —
2, bbls..100 lbs.12.50 - —
extra, bbls..100 lbs.13.50 - —
1, bbls..100 lbs.13.00 - —
headlight, burning bbls.100 lbs.14.75 - —
prime, ed., bbls..100 lbs.16.75 - —
lined, bbls..100 lbs.14.75 - —
winter, strained, extra bbls., 100 lbs.13.75 - —
prime, bbls..100 lbs.14.00 - —
Lavender flowers, French, cns..lb. 2.25 - 6.75
Garden, cns..lb. .45 - .60
Spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms..lb. .95 - 1.10
Lemon, Calif., cns..lb. 3.50 - —
Messina, coppers, cns..lb. 4.00 - 4.50
Lemongrass, native, cns., dms. lb. .60 - .95
Lime, dist., cns..lb. 5.45 - 6.00
expressed, cns..lb. 9.35 -10.25
Linalce wood, cns..lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .1030- —
l.c.l., 5 or more..lb. .1070- —
less than 5..lb. .1110- —
tanks..lb. .0970- —
double boiled, bbls., less than 5 lb. .1130- —
raw, bbls., c.l..lb. .0990- —
l.c.l., 5 or more..lb. .1030- —
less than 5..lb. .1070- —
tanks..lb. .0930- —
Lovage, bots..lb.46.00 -55.00

Lubricating at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks..gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21½- —
pale, 75, 175 vis..tanks.gal. .21½- —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .19¼- —
15-25 pour, tanks..gal. .19 - —
150-160 D, 0-10 pour tanks..gal. .21 - —
15-25 pour, tanks..gal. .20½- —
150-160 E, 15-25, pour, tanks..gal. .20 - —
190-200 D, 15-25 pour, tanks..gal. .24 - —
200-210 E, 15-25 pour, tanks..gal. .23 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks..gal. .12½- —
180 vis., 3 colors, tanks, gal. .13½- —
4 color, tanks....gal. .13 - —
200 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
250 vis., 3 color, tanks, gal. .15 - —
4 color, tanks....gal. .14½- —
280 vis., 3 color, tanks, gal. .16 - —
4 color, tanks....gal. .15½- —
300 vis., 8½, color tanks..gal. .16½- —
350 vis., same basis, gal. .17 - —
400 vis., same basis, gal. .17½- —
500 vis., same basis, gal. .18 - —
600 vis., same basis, gal. .18½- —
15-35 pour prices are ½c. per gallon higher than 0-10 to 10° pour.

Oil, lubricating, al ref., Penna., bright., 600 cold test, 10-40 pour, tanks.. gal. .26 - —
10-15 pour, tanks..gal. .27 - —
cylinder, 600 fire, tanks, gal. .18½- —
600 flash, tanks..gal. .21 - —
630 flash, tanks..gal. .22 - —
635 fire, tanks..gal. .19½- —
650 fire, tanks..gal. .20 - —
Warren, E, amber, tanks, gal. .21 - —
neutral, 150 vis....3 color, tanks..gal. .23½- —
180 vis., 3 color,tanks.gal. .26 - —
200 vis., 2 color,tanks.gal. .27 - —
spot, Penna, bright, bbls., c.l., f.a.s..gal. .33½- —
unfiltered, 600 s.r., bbls., f.a.s..gal. .24½- —
600 flash, s.r., bbl., c.l., gal. .27 - —
650 s.r., bbls., c.l., f.a.s. gal. .26 - —
Warren, E, bbls., c.l.,f.a.s. gal. .27 - —
smaller lots, f.o.b..gal. .30½- —
Mace, dist., cns..lb. 1.15 - 1.20
Menhaden, crude, tanks, f.o.b. Balto..gal. .37 - —
refd., alkali, dms., c.l.....lb. .0940- —
l.c.l. .....lb. .0940- —
tanks .....lb. .0880- —
blown, dms..lb. .0920- —
kettle-bodied, dms..lb. .1040- —
light pressed, dms., c.l....lb. .0880- —
l.c.l. .....lb. .0880- —
tanks .....lb. .0820- —
Mineral, white (see Oil, white mineral)
Mustard, artif., USP., bots..lb. 1.85 - 1.90
dist., natural, bots..lb. 8.50 - 9.00
expressed, bbls..gal. .85 - .90
Neatsfoot, cold test, bbls. 100 lbs.17.50 - —
extra, bbls..100 lbs.13.25 - —
1, bbls..100 lbs.16.00 - —
pure, bbls..100 lbs.14.25 - —
Special, bbls..100 lbs.13.75 - —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli, bots..lb.50.00 -75.00
Nutmeg, USP, cns..lb. 1.15 - 1.20
Oiticia, dms..lb. .11½- .12
Oleo, 1, bbls..100 lbs.14.00 - —
2, bbls..100 lbs.13.50 - —
Olibanum, bots..lb. 5.00 - 5.25
Olive, denat., bbls..gal. 1.65 Nom.
edible, bbls..gal. 2.20 Nom.
foots, bbls..lb. .11½- .11¾
sulphonated, 50% (43% fat), dms., c.l..lb. .12 - —
l.c.l. .....lb. .12½- —
75% (63% fat), dms., c.l..lb. .15½- —
l.c.l. .....lb. .16 - —
80% (68% fat), dms., c.l..lb. .16½- —
l.c.l. .....lb. .17 - —
Orange, sweet, dist., cans...lb. .90 - —
expressed, African, cns., dms..lb. 1.20 - 1.25
Calif., cns., makers.....lb. 3.25 - —
resale .....lb. 3.40 - —
Florida, cns..lb. No prices
Messina, USP, coppers.lb. 4.00 - 4.50
Spanish, cns..lb. No stocks
West India, cns..lb. 2.10 - 2.15
Origanum, Spanish, cns.....lb. 1.00 - 1.25
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks..lb. .07¼ Nom.
shipment .....lb. .07 Nom.
softs, 12½%, bulk, shipt....lb. .0620 Nom.
20%, bulk, shipt..lb. .0600 Nom.
Sumatra, shipment, bulk...lb. .06½Nom.
Palmarosa, cns..lb. 2.00 - 2.25
Palmkernel, bulk, shipt.....lb. .0770- —
Paraffin, 320° flash, 60-70 vis., tanks, G. S..gal. .06¼- —
330° flash, 70-80 vis., tanks, G. S..gal. .06¼- —
80-85 vis., bbls. extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. S..gal. .06¾- —
Patchouli, bots..lb. 5.00 - 6.00
Peanut, crude, dom., tanks, works..lb. .10¼ Nom.
refd., edible, bbls.....lb. .13½ Nom.
Oriental, crude, bulk shipt.lb. .0700 Nom.
Pennyroyal, dom., cns.....lb. 1.65 - 1.75
import, cans.....lb. 1.60 - 1.85

Oil, peppermint, natural, cans, dms..lb. 2.25 - 2.50
redist., USP, cns, dms.....lb. 2.50 - 2.75
Perilla, dms..lb. .11½- .11¾
tanks .....lb. .11 - .11¼
Petitgrain, Paraguay, cns...lb. 1.05 - 1.10
Pimento berry, cns..lb. 3.00 - 3.10
Leaf, cns..lb. 1.25 - 1.30
Pine, dest.-dist., straw-color, dms., divd., E. ports..gal. .49 - .50
steam-dist., straw-color, bbls. gal. .55 - —
tanks .....gal. .54 - —
water-white, bbls.....gal. .64 - —
tanks .....gal. .62 - —
Pineneedle, Siberian, cns....lb. .85 - .90
Putty, bbls, El Segundo, Richmond, Cal..gal. .23½- —
contracts .....gal. .19¼- —
Whiting, Ind..gal. .26 - —
dms., c.l., Bost., Provid...gal. .25½- —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .19 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .13¼- .13½
denat., bbls.....gal. .85 - .86
Red, dist. or saponif., bbls., divd..lb. .11¾- .12⅜
dms, divd..lb. .11½- .12⅛
tanks, divd..lb. .10¾- —
white, dms..lb. .13½- .14½
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....os. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .60 - .65
dms .....lb. .55 - .60
Rosin, 1st rectfd., dms.....gal. .71 - .73
2d rectfd., dms.....gal. .73 - .75
3d rectfd., dms.....gal. .77 - .79
Rue, bots..lb. 2.15 - 2.20
Sage, cns..lb. 1.65 - 1.70
Sandalwood, Australia, cns...lb. 4.50 - 5.00
E.I., USP, cns.....lb. 4.80 - 5.50
Sardine, crude, tanks, Pac. Cst. gal. .50 - —
refd., alkali, dms., c.l.....lb. .0940- —
l.c.l. .....lb. .0940- —
tanks .....lb. .0880- —
kettle-boiled, dms.....lb. .1040- —
light, pressed, dms., c.l.lb. .0880- —
l.c.l. .....lb. .0880- —
tanks .....lb. .0820- —
poultry feed, dms., Pac. Cst., gal. .50 Nom.
Sassafras, artif., cns.....lb. .35 - .37
dms. .....lb. .32 - .34
natural, cns., dms.....lb. .75 - 1.25
Savin, cns..lb. 1.70 - 1.75
Savory, cns..lb. 3.50 - 3.75
Sesame, dom., refd., white, dms. lb. .13¼- Nom.
yellow, dms..lb. .13¼- Nom.
Single stain, bbls., c.l., works gal. .17½- —
l.c.l., works .....gal. .20 - —
tanks, works.....gal. .14½- —
Snakeroot, Canada, cns.....lb.11.00 -12.00
Soybean, dom., crude, dms...lb. .1150- —
tanks .....lb. .1050- Nom.
refd., dms. .....lb. .12 - .12½
tanks .....lb. .11½- Nom.
Spearmint, USP, cns.....lb. 1.75 - 2.00
Sperm, bleach, 38°, dms.....lb. .1000- .1020
45°, dms..lb. .0930- .0950
natural, dms..lb. .0880- .0900
Spruce, cans..lb. 1.05 - 1.10
Sunflower seed, refd., dms..lb. .12¼- .12½
Sweet birch, North, cns.....lb. 3.50 - 3.75
South., cns..lb. 1.90 - 2.10
Tallow, acidless, bbls....100 lbs.13.25 - —
tanks .....100 lbs.12.75 - —
Tansy, cns..lb. 3.25 - 3.50
Tar, commi., dms., c.l., divd. E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, divd. E. cities....gal. .20 - —
rectfd., USP, bbls., divd. E. ports..gal. .50 - —
Tar acid (see T)
Teaseed, dms..lb. .15 - .15¼
Thyme, NF, red, dms.....lb. .85 - 1.25
white, dms.....lb. .80 - 1.25
Tung (see Oil, chinawood).
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T).
Turtle, cns.....gal. 4.00 - 5.00
Valerian, bots.....lb.13.50 -14.00
Vetiver, Bourb., bots.....lb. 8.00 -18.00

Oil, walnut, crude, dms.....lb. .14 - .14¼
refd., dms.....lb. .15 - .15¾
Whale, refd., natural, dms..lb. .1010- .1030
winter, bleach, dms.....lb. .1050- .1070
Wheat germ, cns., dms....gal.27.50 -30.00
White mineral, dom., tech., 50-60 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
U.S.P., 80-90 vis., dms..gal. .54 - .56
95-105 vis., dms.....gal. .62 - .65
125-135 vis., dms.....gal. .75½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80½
200-210 vis., dms.....gal. .80 - .82
320-330 vis., dms.....gal. .85½- .87½
335-345 vis., dms.....gal. .87 - .90
Russian, 75-85 vis., dms..gal. .52 - —
145-155 vis., dms.....gal. .74½- —
185-190 vis., dms.....gal. .76½- —
275-285 vis., dms.....gal. .85 - —
335-345 vis., dms..... .gal. .85 - —
Wintergreen, natural, North. cns..lb. 4.00 - 8.00
South, cns.....lb. 3.25 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.40 - 2.50
Wormwood, cns.....lb. 8.00 - 8.25
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 6.00
Manila, bots.....lb.26.00 -30.00
Opium, USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, divd, Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash. Ariz., Idaho, Nev.,Utah and E. of Cascade Mts. in Ore. and Wash..lb. .11½- —
Colo., Mont., N. M., Wyo..lb. .12 - —
Other points.....lb. .11¾- —
smaller lots, divd. Ala., etc..lb. .11¾- —
Ariz., etc.....lb. .12 - —
Colo., Mont., N. M., Wyo..lb. .12½- —
Other points.....lb. .12¼- —
French, Tours, csks., ex-dock..lb. .11¾- —
kgs., ex dock.....lb. .17 - —
Peel, bitter, bls.....lb. .18½- —
Sweet, bls.....lb. .08 - .09
Toner bbls.....lb. .12 - .13
Orangeflower petals, cs.....lb. .80 - —
Orris root, Florentine, bgs....lb. .35 - .36
fingers, cs.....lb. .08 - .09
powd., bbls., bxs.....lb. .95 - 1.00
Verona, bls.....lb. .12 - .13
powd., bxs, cs.....lb. .08 - .09
Orthoaniaidin, bbls.....lb. .11 - .12
Orthochloroanilin, dms.....lb. .70 - .74
Orthochlorophenol, dms.....lb. .60 - .75
Orthocresol, dms., c.l., works..lb. .75 - .85
l.c.l., same basis.....lb. .13½- —
Orthodichlorobenzene, dms, c.l., works, frt equal..lb. .14¼- —
l.c.l., dms, same basis...lb. .05 - —
100 lb. tins, same basis.lb. .06 - —
50 lb. tins, same basis..lb. .07 - —
tanks, same basis.....lb. .08 - —
Othonitroanilin, dms.....lb. .04½- —
Orthonitrochlorobenzene, kgs..lb. .55 - —
Orthonitroparachlorophenol,cns.lb. .28 - .29
Orthonitrophenol, kgs.....lb. .70 - .75
Orthonitrotoluene, dms.....lb. .85 - .90
Orthotoluene sulphonate, kgs..lb. .07 - —
Orthotoluidin, dms.....lb. 2.00 - 2.05
Osage orange extract, cryst.,bbls. lb. .14 - —
liquid, 51°, bbls.....lb. .17 - .19
Oxyquinolin sulphate, cns., 100-lbs., works..lb. .07 - .08
bots., cns., 1-50 lbs.....lb. 3.50 - —

P

Papain, powd., cs.....lb. 3.65 - 4.00
Paprika, Hungarian, bgs.....lb. 1.00 - 1.05
Spanish, extra fancy, cs.....lb. .21½- .23
fair, bgs.....lb. .27 - .28
fancy, bgs.....lb. .21¼- .22
medium, bgs.....lb. .23 - .23½
Para-aminoacetanilide, kgs...lb. .22 - .22½
Para-aminophenol, bgs., bbls..lb. .85 Nom.
Hydrochloride, bbls.....lb. 1.05 - —
Para-amylphenol, tertiary, dms., c.l., works..lb. 1.25 - —
Parachlorophenol, dms.....lb. .26 - —
Paracymene, rfd., dms.....gal. .30 - .45
Paradichlorobenzene, dms.....lb. .75 - 1.25
kegs .....lb. .16 - .20
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .02⅝- .02¼
bbls., c.l., N. Y....lb. .0270- —
124-126 A.m.p., bgs., c.l., Okla. refy..lb. .02¼- .02⅜
bbls., c.l., N. Y....lb. .02⅜- —
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02¼- Nom.
fully refd., slabs, 120-122 A.m.p., bgs., c.l..lb. No prices
123-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s., N. Y..lb. .0440- —
126-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .04½- —
128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s. N. Y..lb. .04¾- —
130-132 A.m.p., bgs., c.l..lb. .0495- —
export, f.a.s., N. Y..lb. .0490- —
133-135 A.m.p., bgs., c.l..lb .0555- —
export, f.a.s., N. Y..lb. .05½- —
135-137 A.m.p., bgs., c.l.lb. .0580- —
export, f.a.s., N. Y..lb. .05¾- —
138-140 A.m.p., bgs., c.l..lb. .0635- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
Refined paraffin prices in cases are ½c. lb. higher than bags price.
Match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .03 - —
semirfd., solid, 122-124 A.m.p., bgs..lb. 92¾- Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelphia, or N. Y. C.....lb. .34 - —
100 to 900 lb. shipments, same basis..lb. .35 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, cbys.....lb. .37 - .45
Paranitroanilin, kgs., c.l., works. lb. .45 - —
l.c.l., kgs., works.....lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .23½- .24
Paranitrophenol, kgs.....lb. .35 - .37
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - .75
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .16 - .17

Refined.. TO SUIT Your REQUIREMENTS

We repeat again! It will pay you to ask Deep Rock for contract prices on your requirements for 1937. Your inquiry will not obligate you . . . and we will gladly furnish samples or other information. Write today about any of these products.

★ LACQUER DILUENTS ★ RUBBER SOLVENT

★ NAPOLEUM SPIR TS ★ MINERAL SEAL OIL ★ V. M. & P. NAPHTHA ★ STODDARD SOLVENT ★ INDUSTRIAL LUBRICANTS ★ KEROSENES

DEEP ROCK OIL CORPORATION

GENERAL SALES OFFICE: 155 NORTH CLARK STREET, CHICAGO

Decatur Des Moines Milwaukee Minneapolis Oklahoma City Omaha St. Louis Tulsa

Refinery: Cushing, Oklahoma

Paris green, dealer, dms., c.l., f.o.b. N. Y., frt. all'd E. of Cleve..lb. .22 - .24
1,000 lbs. and up, same basis, lb. .23 - .25
less than 1,000 lbs., same basis..lb. .24 - .26
Passion flower herb, bls.....lb. .06½- .07
Patchouli leaves, bls.....lb. .15 - .16
Pellitory root, bls.....lb. .16 - .17
Pennyroyal, bls.....lb. .13 - .14
Pentane, nom., 28-38°, dms., c.l., G.S—gal. .12½- —
l.c.l., G.S.....gal. .16 - —
tanks, G.S.....gal. .09½- —
laboratory grade, dms., c.l., G.S..gal. .16 - —
l.c.l., G.S.....gal. .25 - —
Pepper, black, Alleppy, bgs...lb. .10½- .11
Lampong, bgs.....lb. .06½- .07
Tellicherry, bgs.....lb. .11¼- .11½
Red, birdseye, bgs.....lb. .13½- .14
new crop.....lb. No stocks.
Japanese, 1, bgs.....lb. .12½- .13
Mombassa, bgs.....lb. .16¼- .16½
White, Java, Muntok, bgs...lb. .11 - .11½
Singapore, Muntok, bgs....lb. .11½- .11¾
Peppermint leaves, dom., bls..lb. .25 - .26
import, bls.....lb. .35 - .40
Peru balsam, dms.....lb. 1.15 - 1.20
Petrolatum, amber, bbls., c.l., lb. .02⅞- .03
l.c.l.....lb. .04 - .04¼
extra, bbls.....lb. .03½- .03¾
l.c.l.....lb. .04¼- .04½
cream, bbls., c.l.....lb. .05 - .06¾
l.c.l.....lb. .06¾- —
green, dark, bbls., c.l.....lb. .02¼- .02¾
red, bbls., c.l.....lb. .02¾- .02⅞
l.c.l.....lb. .03¾- —
veterinary, bbls., c.l.....lb. .02¾- .02⅞
l.c.l.....lb. .03¾- —
white, lily, bbls., c.l.....lb. .06 - .06¼
l.c.l.....lb. .07⅝- —
snow, bbls., c.l.....lb. .07 - .07¼
l.c.l.....lb. .08⅝- —

Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .95
Athens.....bbl. .84 - 1.66
Belridge.....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.38
Coalinga.....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez.....bbl. .79 - 1.00
East Coyote.....bbl. .76 - .96
Elk Hills.....bbl. .70 - 1.38
Elwood Terrace, f.o.b. shipbbl. 1.28 - 1.43
Huntington Beach.....bbl. .78 - 1.22
Inglewood.....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbls. .70 - —
Kettleman Hills.....bbl. 1.19 - 1.45
La Habra.....bbl. .78 - .96
Lakeview.....bbl. .70 - 1.38
Lost Hills.....bbl. .70 - 1.32
McKittrick.....bbl. .70 - —
Midway - Sunset (except Lakeview)..bbl .70 - 1.38
Montebello.....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall.....bbl. .70 - —
Olinda Brea.....bbl. .76 - 1.27
Orcutt.....bbl. .70 - .96
Playa del Rey, f.o.b. pipelinebbl. .80 - 1.16
Richfield.....bbl. .76 - 1.09
Rosecrans.....bbl. .84 - 1.66
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.42
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence.....bbl. .80 - 1.05
Wheeler Ridge.....bbl. .70 - .83
Whittier.....bbl. .76 - .96
Canada:—
Oil Springs.....bbl. 2.17 - —
Petrolia.....bbl. 2.10 - —
Central West:—
Illinois.....bbl. 1.35 - —
Lima.....bbl. 1.25 - —
Midland (Mich.).....bbl. 1.42 - —
Princeton.....bbl. 1.35 - —
East Texas.....bbl. 1.27 - —
Gulf Coast:—
Barber's Hill.....bbl. .95 - 1.41
Batson.....bbl. .95 - 1.41
Dayton.....bbl. .95 - 1.41
Esperson.....bbl. .95 - 1.41
Goose Creek.....bbl. .95 - 1.41
Hull.....bbl. .95 - 1.41
Humble.....bbl. .90 - 1.41
Liberty.....bbl. .90 - 1.41
Markham.....bbl. .90 - 1.29
Orange.....bbl. .95 - 1.41
Pettus.....bbl. 1.25 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio, heavy.....bbl. .90 - —
light.....bbl. .92 - 1.22
Saratoga.....bbl. .95 - 1.41
Saxet.....bbl. .90 - 1.29
Sour Lake.....bbl. .90 - 1.41
Spindle Top.....bbl. .95 - 1.41
Sugarland.....bbl. .95 - 1.41
West Columbia.....bbl. .95 - 1.41

Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.42 - —
Oil City,in Stoll lines.bbl. 1.00 - —
Kentucky river.....bbl. 1.50 - —
Western Kentucky (Owensboro)..bbl. 1.40 - —

Louisiana, Arkansas:—
Bull Bayou.....bbl. .90 - 1.22
Caddo.....bbl. .90 - 1.22
Cameron Meadows....bbl. .90 - 1.36
Choctaw.....bbl. .90 - 1.36
Cotton Valley.....bbl. .90 - 1.22
Darrow.....bbl. .90 - 1.36
De Soto.....bbl. .90 - 1.22
El Dorado.....bbl. .90 - 1.22
Haynesville.....bbl. .90 - 1.22
Homer.....bbl. .90 - 1.22
Iowa.....bbl. .90 - 1.36
Lockport.....bbl. .90 - 1.36
Miller County.....bbl. .90 - 1.22
Pine Island.....bbl. .90 - 1.22
Rainbow.....bbl. .90 - 1.22
Rodessa.....bbl. .93 - 1.25
Smackover.....bbl. .90 - —
Tepetate.....bbl. 1.24 - —
Urania.....bbl. 1.02 - —

Mexico, f.o.b. terminals, Mexican ports—based on contract:—
Panuco.....bbl. 1.05 - —
Tax, 13.35c. per bbl.
Tuxpan.....bbl. No prices.
Tax, 21.815c. per bbl.

Midcontinent:—
North Texas.....bbl. .96 - 1.20
Oklahoma-Kansas....bbl. .98 - 1.50
Altus, Tipton (Okla.), bbl. .96 - 1.20

Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany....bbl. 2.45 - —
Corning.....bbl. 1.42 - —
Pennsylvania grade, in Buckeye lines..bbl. 2.12 - —
Eureka lines.....bbl. 2.27 - —
S.W. Penn lines....bbl. 2.32 - —
lower district in National Transit lines.bbl. 2.52 - 2.57

Petroleum, crude, bulk, at wells—
Rocky Mountain:—
Big Muddy.....bbl. 1.18 - 1.23
Cannon City-Florence..bbl. 1.10 - —
Cat Creek.....bbl. 1.40 - —
Dutton Creek.....bbl. 1.06 - 1.30
Elk Basin.....bbl. 1.30 - —
Fort Collins-Wellington....bbl. 1.01 - 1.25
Frannie, light.....bbl. .82 - —
Grass Creek.....bbl. 1.30 - —
Greybull.....bbl. 1.30 - —
Iles.....bbl. 1.12 - 1.18
Lance Creek.....bbl. .97 - —
Midway.....bbl. 1.06 - 1.30
Rock Creek.....bbl. 1.20½- —
Salt Creek.....bbl. 1.06 - 1.30
Sunburst.....bbl. 1.20 - —
Torchlight.....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County.....bbl. .98 - 1.25
Cleveland-Liberty....bbl. 1.27 - —
Conroe.....bbl. 1.20 - 1.44
Darst Creek.....bbl. 1.00 - —
Duval.....bbl. 1.00 - —
Hardin-Liberty.....bbl. 1.15 - —
Luling.....bbl. 1.00 - —
Lytton Springs.....bbl. 1.12 - —
Mirando.....bbl. .90 - 1.36
Panola County.....bbl. .93 - 1.25
Tomball.....bbl. 1.20 - 1.44
Texas Panhandle:—
Carson-Hutchinson counties.bbl. .91 - 1.03
Gray County.....bbl. .96 - 1.08
West Texas:—
Artesia, N. M.....bbl. .90 - —
Crane.....bbl. .78 - 1.08
Crockett.....bbl. .75 - .90
Ector.....bbl. .75 - .90
Glasscock.....bbl. .78 - 1.08
Hobbs, N. M.....bbl. .65 - —
Hogback.....bbl. 1.33 - —
Howard.....bbl. .78 - 1.08
Jackson, N. M.....bbl. .90 - —
Lea, N. M.....bbl. .78 - 1.00
Maljamar, N. M.....bbl. .90 - —
Mitchell.....bbl. .78 - 1.08
Pecos.....bbl. .75 - .90
Upton.....bbl. .78 - 1.08
Winkler.....bbl. .78 - 1.00
ether, 30-60°, dms, c.l., G.S.gal. .15 - —
l.c.l., G.S.....gal. .17 - —
tanks, G.S.....gal. .13 - —
35-60°, dms., l.c.l., G.S...gal. .35 - —
40-75°, dms., c.l., G.S.....gal. .15 - —
l.c.l., G.S.....gal. .16 - —
tanks, G.S.....gal. .13 - —
laboratory grade, dms., c.l., G.S..gal. .16 - —
l.c.l., G.S.....gal. .25 - —
10-gal. lots, G.S.....gal. .50 - —
Lacquer, diluent, at refinery:—
California, 49-51, 225 l.b.p., 335 e.p., tanks..gal. .12 - —
58-62, 160 l.b.p., 270 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11¼- —
f.o.b. Richmond..gal. .11½- —
Willbridge, Ore.; Pt. Wells, Wash..gal. .12 - —
61-63, 149 l.b.p., 275 e.p., tanks..gal. .15 - —
East Coast, tanks.....gal. .12 - .12¼
Group 3, tanks.....gal. .08⅞- .09
Naphtha, cleaners, at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .07⅞- .08
tankwagon, Boston, ex-tax.gal. .13 - —
Chicago, inc. 3c. tax...gal. .155 - —
Decatur, inc. 3c. tax...gal. .179 - —
Des Moines, inc. 3c.tax.gal. .177 - —
Evansville, Ind.,ex tax.gal. .145 - .166
Milwaukee, inc. 4c. tax.gal. .192 - —
Minneapolis-St. Paul, inc. 3c. tax..gal. .183 - —
Newark, ex tax.....gal. .12 - —
New York, ex tax.....gal. .11½- —
Omaha, ex tax.....gal. .149 - .159
Oklahoma City, ex tax.gal. .15 - .16
Philadelphia, ex tax...gal. .11½- —
St. Louis, ex tax.....gal. .146 - .156
Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums.gal. .16 - —
milk cans.....gal. .21 - —
Tulsa, ex tax.....gal. .15 - .16
High solvency, aromatic, 8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J..gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt.....gal. .16¼- —
30, same basis.....gal. .18¼- .19
40, same basis.....gal. .14½- .15½
hydrogenated, 1, tanks, f.o.b. Bayway, frt. equaled. nearest comp. pt..gal. .16 - —
2, same basis.....gal. .18 - —
3, same basis.....gal. .16 - —
4, same basis.....gal. .15 - —
V.m. & p., at refinery:—
California, 46.5, 764 l.b.p., 350 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond.....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 l.b.p., 310 e.p. tanks, delvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10¼- —
East Coast, tanks.....gal. .10½- —
Group 3, tanks.....gal. .07⅞- .08
tankwagon, Boston, ex tax.gal. .13 - —
Chicago, inc. 3c. tax..gal. .165 - —
Decatur, inc. 3c. tax..gal. .179 - —
Des Moines, inc.3c. tax.gal. .177 - —
Evansville, Ind.,ex tax.gal. .145 - .156
Milwaukee, inc. 4c.tax.gal. .192 - —
Minneapolis-St. Paul, inc. 3c. tax..gal. .183 - —
Newark, ex tax.....gal. .13 - —
New York, ex tax.....gal. .11½- —
Omaha, ex tax.....gal. .149 - .159
Philadelphia, ex tax...gal. .13 - —
St. Louis, ex tax.....gal. .146 - —
Solvent, rubber, at refinery:—
California, 60.2-63.5, 167 l.b.p., 230 e.p., tanks, inc. tax..gal. .14 - .14½
62.8, 104 l.b.p., 298 e.p., tanks, inc. tax..gal. .14 - 14½
East Coast, tanks.....gal. .10 - —
Group 3, light, 120 l.b.p., 250 e.p., tanks..gal. .07⅞- .08
standard, 180 l.b.p., 288 e.p., tnks..gal. .07⅞- .08
Stoddard (CS 3-28), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .07⅞- .07½
tankwagon, Boston, ex tax.gal. .13½- —
Chicago, inc. 3c. tax...gal. .15 - —
Decatur, inc. 3c. tax..gal. .169 - —
Des Moines, inc.3c.tax.gal. .167 - —
Evansville, Ind.,ex tax.gal. .136 - .140
Milwaukee, inc. 4c.tax.gal. .182 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .164 - —
Newark, ex tax.....gal. .11 - —
tankwagon, New Orleans, ex tax..gal. .11 - —

Petroleum, solvent, Stoddard t. w.,
New York, ex tax.....gal. .10¼- —
Oklahoma City, ex tax.gal. .12 - .13
Omaha.....gal. .139 - .140
Philadelphia, ex tax...gal. .11½- —
St. Louis, ex tax.....gal. .125 - —
Tulsa, ex tax.....gal. .10 - .11
Thinner, at refinery:—
California, 34, 325 l.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles....gal. .14 - —
Portland, Ore.....gal. .15 - —
Richmond.....gal. .13¼- —
Seattle, Wash.....gal. .15½- —
44, 311 l.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore. gal. .11¼- —
Richmond.....gal. .11 - —
Southern Calif...gal. .10½- —
55-56, 200 l.b.p., 305 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond.....gal. .11¼- —
Seattle, Wash.....gal. .12 - —
East Coast, 43-47, tanks.gal. .09½- .10
47-49, tanks.....gal. .09 -
Group 3, tanks.....gal. .06⅞- .07
Pennsylvania, tanks.....gal. .06⅝- —
tankwagon, tax included:—
Albany.....gal. .13 - —
Baltimore.....gal. .12 - .13
Boston.....gal. .12 - .13
Bridgeport, Conn.....gal. .13 - —
Buffalo.....gal. .12½- —
Camden, N. J.....gal. .115 - .125
Chicago.....gal. .162 - —
Decatur, Ill.....gal. .169 - —
Des Moines.....gal. .167 - —
Evansville, Ind.....gal. .136 - .146
Milwaukee.....gal. .182 - —
Minneapolis-St. Paul..gal. .173 - —
Newark.....gal. .11 - —
New York (200 gals.).gal. .10¼- .11
smaller lots.....gal. .11 - —
Omaha.....gal. .109 - .149
Philadelphia.....gal. .115 - .125
Pittsburgh.....gal. .12 - .14
Providence.....gal. .12 - .13
Rochester.....gal. .12 - .16
St. Louis.....gal. .136 - —
Syracuse.....gal. .13 - .15
Trenton.....gal. .11½- .13¼
Wilmington, Del.....gal. .15 - —
contracts, 1,000 gals..gal. .13 - —
Phenobarbital, bots.....lb. 4.85 - —
cns., contract.....100 lbs. 4.50 - —
cns.....lb. 4.75 - —
Phenol, USP, dms, c.l., works, frt. equald..lb. .13¼- .14¼
l.c.l., same basis.....lb. .14 - .15
tins, c.l., same basis.....lb. .14¼- .15¼
l.c.l., same basis.....lb. .15 - .16
tanks, works.....lb. .12¾- —
Phenolphthalein, USP, bbls.,dms. 2,000 lbs..lb. .75 - —
bbls., dms., kegs, 100-250 lbs. lb. .77 -
yellow, bbls.....lb. .70 - .72
Phenyl chloride, dms.....lb. .16 - -
Phenylacetadehyde, bots.....lb. 3.50 - 6.75
Phenylhydrazin hydrochloride,CP, bots., works..lb. 3.30 - 5.10
commercial, kgs., works...lb. 3.30 - 6.50
pure, bots., works.....lb. 2.95 - 3.25
Phloroglucinol, CP, tins,works.lb.20.00 -22.00
tech., tins, works.....lb.15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.35 - —
72% min., bulk, mines.... long ton. 2.85 - —
75% basis, 74% min., bulk, mines..long ton. 3.85 - —
Tenn., 72%, bulk, mines.... long ton. 4.50 - —
75%, bulk, mines...long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .28 - .37½
Oxychloride, cyls.....lb. .16 - .20
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .16 - .20
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis.....lb. .15½- —
Pichi leaves, bgs.....lb. .08 - .10
Pilocarpine hydrochloride, bots., vls..oz. 2.50 - 2.75
Nitrate, bots., vls.....oz. 2.40 - 2.65
Pimento, bgs.....lb. .16 - .16½
Pinkroot, bls.....lb. .35 - .38
Pitch, Burgundy (see B).
Coaltar, 160° m.p., bbls., c.l., works..ton.19.00 - —
l.c.l. .....ton.22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron..ton.20.00 -21.00
f.o.b. works.....ton.15.00 - —
Linseed, dms.....lb. .04½- .05
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.50
Stearin, dms.....lb. .03 - .04½
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .12 - .13
Podophyllin, fib., dms., 100 lbs., lb. 3.25 - —
cns., 25 lbs.....lb. 3.50 - —
Poke root, bls.....lb. .06½- .07
Pomegranate bark, bgs.....lb. .18 - .19
Root bark, bgs.....lb. .40 - .41
Poppy flowers, red, bls.....lb. .35 - .40
Seed, Dutch, bgs.....lb. .07¾- .08
Polish, bgs.....lb. .07¾- .07¾
Potash acetate, USP, bbls.,kgs.lb. .26 - .33
50% sol., bbls.....lb. .08½- .09
Bicarbonate, USP, cryst., bls, gran., bbls.....lb. .09 - .13
Bichromate, spot, c.l., works.lb. .10 - .12
6 casks or 10 bbls. or over, works..lb. .06¾- —
5 casks or 9 bbls. or less, works..lb. .09 - —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .15½- .18
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works..lb. .05½- —
l.c.l..lb. .05¾- —
liquid, dms., c.l., dlvd.....lb. .02½- —
l.c.l., 10 dms. or over...lb. .03¼- —
less than 10 dms...lb. .03½- —
tanks, dlvd.....lb. .02½- —
USP, gran., bbls.....lb. .14 - —
powd., bbls.....lb. .19 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l.....lb. .07¼- .07¾
import., dms.....lb. .07 - .07½
liquid, 45% basis, dms.....lb. .03¼- .03½
tanks.....lb. .02½- —
solid, 88-92%, dom., dms., c.l., works..lb. .06½- —
l.c.l.....lb. .06¾- .06¾
import, casks.....lb. .06¼- .06¾
Chlorate cryst., kgs.....lb. .09¾- .09½
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .08½- .08¾

Paris Green—Quinine-Urea

Potash, chloride, tech., 98% cryst., bbls..lb. .04 - .04¼
Chromate, kgs.....lb. .28 - .29
Citrate, USP, gran., bbls., 250 lbs..lb. .35 - —
kgs., 100 lbs.....lb. .36 - —
cns., 50 lbs.....lb. .37 - —
cns., 25 lbs.....lb. .39 - .40
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75% sol., cns., 100 lbs..lb. 1.25 - 1.30
Guaiacolsulphonate, cns.....lb. 1.65 - 1.70
Hydroxide, USP, sticks, cns..lb. .36 - .37
Hypophosphite, cns.....lb. .72 - .77
Iodate, bbls.....lb. 3.20 - 3.25
Iodide, bbls., fib. dms.....lb. 1.10 - 1.15
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports..ton.12.00 - —
Manure salt, dom., 20%, K_2O, bulk, c.l.f. ports..ton.12.00 - —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton. .35 - —
import., 30% K_2O,bulk,shipt. unit-ton. .55 - —
Metabisulphite, kgs.....lb. .13 - —
Muriate, dom., all strengths, min. 50% K_2O, bulk..... unit-ton. .50 - —
import., all strengths, min. 50% KCl, basis 50% K_2O, bulk, c.l.f. ports..unit-ton. .50 - —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .20 - .21
tech., bbls.....lb. .25 - .26
Perchlorate, kgs., works.....lb. .09 - .11
Permanganate, tech., dms....lb. .13½- .19
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .16 - .17
Silicate alkaline, lump, bags.lb. .07 - —
Sulphate, NF, bbls.....lb. .13 - .14
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports..ton.36.25 - —
Vegetable, bulk, f.o.b.Balto.ton.19.97 Nom.
Xanthate, dms., c.l.....lb. .13 - —
l.c.l.....lb. .13¼- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.24.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .35
Prickly ash bark, bls.....lb. .11½- .15
Berries, bls.....lb. .15 - .19
Prince's pine herb, bls.....lb. .18 - .20
Propane, tanks, G.S.....gal. .03 - .04¾
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .18 - .20
Pumice stone, Italian,Amer.-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .03 - —
less than 3, works..lb. .03½- —
F and 1, bbls., 3 or over, works..lb. .03½- —
less than 3, works..lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb. .04 - —
less than 3, works...lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex dock N.Y..ton.82.85 Nom.
l.c.l., 5-20 tons, ex whse. ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs.,ex whse.ton.45.70 - —
Pumpkin seed, bgs.....lb. .11 - .14
Purple lake (see Red).
Putty com'l, dms.....100 lbs. 3.00 - —
linseed oil, raw, dms....100 lbs. 4.75 - —
refined, dms.....100 lbs. 5.25 - —
standard, dms.....100 lbs. 3.75 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand.....gal. 4.15 - —
basis, 3.6% pyrethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand.....gal. 6.10 - —
Pyrethrum flowers, coarse, grnd. (g.f.p.), Japan, bgs., frt. alld., 15 tons or over. lb. .12¾- —
fine powd., Dalmat., bbls.lb. .14 - .16
Japan, bbls., ton lots, frt. alld..lb. .15¾- —
Pyridin, denaturing, dms.....gal. 1.30 - —
refd., 2° dms.....lb. .40 - —
Pyrites, Spanish, bulk, c.l.f. Atl. ports..unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib. dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins.lb. 4.60 - —

Q

Quassia, chips, bls.....lb. .06 - .07
Quebracho extract, liquid, 35% tan., bbls., works..lb. .03¾- —
tanks, works.....lb. .02¾- —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .03¾- —
clarified, 64%, bgs.,c.l., same basis..lb. .04¾- —
Queen of the meadow herb, bgs..lb. .06 - .07
Root, bgs.....lb. .06 - .07
Quercitron extract, liquid, 51°, bbls..lb. .06 - .08
solid, dms.....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y..flask.93.00 -95.00
Quince seed, bgs.....lb. .45 - 1.50
Quinidine, cryst., small, cns...oz. .96 - —
large, cns.....oz. .93 - —
pwd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .97 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .93 - —
Arsenate, cns.....oz. .90 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Dihydrochloride, bots.....oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydriodide, cns.....oz. .93 - —
Hypophosphite, cns.....oz. .96 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns.....oz. .53 - —
U.S.P. XI, cns.....oz. .59½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .97 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride,cns.oz. .74 - —

12th ANNUAL DRUG TRADE DINNER

MARCH 4 1937

DRUG, CHEMICAL AND ALLIED TRADES SECTION, NEW YORK BOARD OF TRADE

WALDORF ASTORIA HOTEL, NEW YORK CITY... MARCH 4, 1937

Make reservations to Mr. Ray C. Schlotterer, Secretary, Drug, Chemical and Allied Trades Section, New York Board of Trade, 41 Park Row, New York City, or telephone Cortlandt 7-1414.

This space donated by courtesy of The New York Quinine & Chemical Works.

R

R salt, bbls.....lb. .53 - .55
Rapeseed, Belgian, bgs.....lb. .06¼- .06½
Dutch, bgs.....lb. .06¼- .06½
Japanese, bgs.....lb. .06¼- .06½
Raspberries, dried, bbls.....lb. .80 - .85
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.....lb. 1.10 - —
Alizarin lake prices are ¼c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Amaranth (see Red, maroon, lake).
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .80 - —
smaller lots, same basis. lb. .85 - —
kgs., ton lots, same basis. lb. .85 - —
smaller lots, same basis. lb. .90 - —
light shade, bbls., ton lots, same basis..lb. .65 - —
smaller lots, same basis. lb. .70 - —
kgs., ton lots, same basis. lb. .70 - —
smaller lots, same basis. lb. .75 - —
light-medium shade, ton lots, same basis..lb. .70 - —
smaller lots, same basis. lb. .75 - —
kgs., ton lots, same basis. lb. .75 - —
smaller lots, same basis. lb. .80 - —
maroon shade, bbls., ton lots, same basis..lb. .90 - —
smaller lots, same basis. lb. .95 - —
kgs., ton lots, same basis. lb. .95 - —
smaller lots, same basis. lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 - —
selenide, bbls., ton lots, works. 2.00 - —
smaller lots, works.....lb. 2.50 - —
Orange, bbls., ton lots, works..lb. 1.50 - —
smaller lots, works....lb. 1.75 - —
Carmine 40, cns., 500 lbs....lb. 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Kosta kns.....lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order .....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.65 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom., bbls., lb. 1.40 - —
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kegs., same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04¼- —
ex whse., Chicago, St. Louis..lb. .04¾- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phosphotungstic Rhodamine Y, bbls..lb. 3.50 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs., same basis alizarin lake..lb. .25 - .30
Spanish oxide.....lb. No Stocks.
Teluidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .18¾- —
Venetian, bbls., works.....lb. .0190- —
10%, bbls., works.....lb. .0215- —
15%, bbls., works.....lb. .02¼- —
20%, bbls., works.....lb. .02½- —
25%, bbls., works.....lb. .02¾- —
30%, bbls., works.....lb. .03 - —
35%, bbls., works.....lb. .0335- —
40%, bbls., works.....lb. .03¾- —
Vermilion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500-lbs..lb. 1.72 - —
smaller lots.....lb. 1.73 - 1.83
Red dyes are listed under Dyes.
Red precipitate, U.S.P. IX, bxs., fib. dms., kgs., 100 lbs..lb. 1.74 - —
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works....lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .08½- .10
Rhodinol, bots.....lb. 5.75 - 9.00
Rhubarb, root, bbls., cs., kgs..lb. .32 - .33
powd., bbls., kgs.....lb. .96 - .97
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't.....lb. .14½- —
smaller lots.....lb. .15 - —
powd., bbls., 5,000 lbs., 1 shipm't .....lb. .13½- —
smaller lots.....lb. .14 - —
Rose flowers, pale, bls.....lb. .22 - .23
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls., ex dock.. 280 lbs.10.05 - —
E, bbls.....280 lbs.10.25 - —
D, bbls.....280 lbs.10.55 - —
F, bbls.....280 lbs.10.80 - —
G, bbls.....280 lbs.10.97½- —
H, bbls.....280 lbs.10.97½- —
I, bbls.....280 lbs.10.97½- —
K, bbls.....280 lbs.10.97½- —
M, bbls.....280 lbs.10.97½- —
N, bbls.....280 lbs.10.97½- —
W. G., bbls.....280 lbs.11.25 - —
W. W., bbls.....280 lbs.12.05 - —
X, bbls.....280 lbs.12.95 - —
Wood, F.F., bbls., spot.280 lbs.10.72 @11.65
Southern shipping point. 280 lbs. 9.85 - —
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
Rouge, bgs., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .06¼- .10
Rue, bls.....lb. .21 - .23

S

Sabadilla seed, powd., bbls....lb. .22 - .25
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.73 - 2.05
Safflower, bls.....lb. .27 - .28
Saffron, Mexican, bls.....lb. .50 - .55
Spanish, tins.....lb.13.50 -14.50
Safrol, cns.....lb. .58 - —
dms.....lb. .55 - —
Sage, Dalmatian, grinding, bls.lb. .05¾- .06¼
garden, bls.....lb. .06¼- .07
Sago flour, bgs.....lb. .02¾- .03¾
Salicin, cns.....lb. 4.00 - 4.35
Salol, kgs.....lb. .80 - .85
Salt, reclaimed, bgs., c.l., dlvd., N. Y..ton.13.04 - —
vacuum, common, fine, bgs., c.l., dlvd. N. Y..ton.14.06 -14.58
l.c.l., dlvd. N. Y.....ton.17.00 - —
Saltcake, grd., dom., bbls., works, ton.19.00 -23.00
bulk, works.....ton.12.00 -16.00
import, bulk, c.i.f.....ton.12.00 -13.50
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.00 - 7.75
1-9 tons.....100 lbs. 7.40 - 7.90
less than ton lots...100 lbs. 7.40 - 8.15
gran., bbls., 10-20 tons..100 lbs. 6.00 - —
1-9 tons.....100 lbs. 6.15 - —
less than ton lots...100 lbs. 6.40 - —
powd., bbls., 10-20 tons.100 lbs. 7.00 - —
1-9 tons.....100 lbs. 7.15 - —
less than ton lots...100 lbs. 7.40 - —
Santonin, cryst., cns.....lb.30.00 -32.00
Saponin, cns.....lb. 1.45 - 1.50
Sarsaparilla root, Honduras, bls.lb. .45 - .50
Mexican, bls.....lb. .17 - .18
Sassafras bark, ord., bls.....lb. .11 - .12
select, bls.....lb. .22 - .23
Savory, bls.....lb. .07½- .08
Saw palmetto berries, bgs.....lb. .30 - .33
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't.....lb. .11½- —
smaller lots.....lb. .12 - —
kegs, 5,000 lbs., 1 shipm't.lb. .12 - —
smaller lots.....lb. .12½- —
Senega root, bls.....lb. .55 - .60
Senna leaves, Alexandria, bls.lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .11 - .12
2, bls.....lb. .07 - .08
3, bls.....lb. .05½- .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. 1.00 - 1.10
Shellac, bleached, bonedry, bbls., f.o.b. N. Y..lb. .21 - .22
dlvd. Boston.....lb. .21½- .22½
Chicago .....lb. .22 - .23
Pacific Coast.....lb. .23 - .24
refd., bbls., f.o.b. N.Y.....lb. .25 - .26
dlvd. Boston.....lb. .24½- .25½
Chicago .....lb. .26 - .27
Pacific Coast.....lb. .28 - .29
Shellac, garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N. Y..lb. .15 - .15½
dlvd, Chicago.....lb. .16 - .16½
Pacific Coast.....lb. .18 - .18½
T.N., bgs., f.o.b. Bost., N. Y. lb. .14 - .14½
dlvd. Chicago.....lb. .15 - .15½
Pacific Coast.....lb. .17 - .17½
Shellac, varnish, orange, 5-lb. cut, bbls..lb. .90 - 1.00
4½-lb. cut., bbls.....gal. .85 - .95
4-lb. cut, bbls.....gal. .80 - .90
white, 5-lb. cut, bbls.....gal. 1.05 - 1.15
4½-lb. cut, bbls.....gal. 1.00 - 1.10
4-lb. cut bbls.....gal. .95 - 1.05
Silica, amorph., dry-grd., 93-97%, 325 mesh,bgs.,c.l.,works.ton.17.00 - —
l.c.l., 2½ tons,works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works, ton.18.00 - —
l.c.l., 2½ tons.works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons,works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
96-98% 325 mesh, bgs., c.l., works..ton20.00 - —
l.c.l., 2½ tons,works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.24.00 - —
l.c.l., 2½ tons,works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quarts, 140 mesh, bgs., c.l., works..ton.14.00 - —
l.c.l., works.....ton.17.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .7767- —
Silver nitrate, vls.....oz. .32¾- .34½
Nucleinate, cns., 500 ozs....oz. .35 - .36
Proteinate, cns., 500 ozs....oz. .34 - .35
Sirvarubra bark, bls.....lb. .28 - .30
Skatol, bots.....oz. 4.00 -10.00
Skullcap, Eastern, bls.....lb. .25 - .26
Western, bls.....lb. .24 - .25
Skunk cabbage root, bls.....lb. .15 - .16
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .11 - .12
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls.....lb. .06½- .07
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .12 - .14
Soda abietate, dms.....lb. .06 - —
Acetate, anhyd., dms.....lb. .06¼- —
flake, 60%, dms.....lb. .04¼- .05
Alginate, dms.....lb. .04 - —
Antimoniate, bbls.....lb. .12¾- .14¼
Arsenate, dms.....lb. .09¼- .11½
Arsenite, liq., dms.....lb. .40 - .75
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.08 - —
2 .....100 lbs. 2.18 - —
3 .....100 lbs. 2.43 - —
4 .....100 lbs. 2.83 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2 .....100 lbs. 2.40 - —
3 .....100 lbs. 2.65 - —
4 .....100 lbs. 3.05 - —
bulk, c.l., works....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 1.98 - —
2 .....100 lbs. 2.13 - —
3 .....100 lbs. 2.38 - —
4 .....100 lbs. 2.78 - —
bbls., c.l.....100 lbs. 1.60 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2 .....100 lbs. 2.50 - —
3 .....100 lbs. 2.75 - —
4 .....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. 1.05 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 1.98 - —
2 .....100 lbs. 2.13 - —
3 .....100 lbs. 2.38 - —
4 .....100 lbs. 2.78 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2 .....100 lbs. 2.40 - —
3 .....100 lbs. 2.65 - —
4 .....100 lbs. 3.05 - —
bulk, c.l.....100 lbs. 1.05 - —
Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N.H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).
Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 lbs., or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs. or more..lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.15 - —
powd., bbls.,c.l.,works.100 lbs. 1.75 - —
l.c.l., dlvd. N.Y....100 lbs. 2.39 - —
kgs., c.l.....100 lbs. 2.00 - —
l.c.l., dlvd. N.Y....100 lbs. 2.64 - —
Bichromate, spot, c.l., works, lb. .06¾- —
6 cks. or 10 bbls. or over, works..lb. .06¾- —
5 cks. or 9 bbls. or less, works..lb. .07 - —
Bifluoride, bbls.....lb. .11¼- .13
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
33 deg., bbls., c.l. works 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg., bbls., works 100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, bbls.....lb. .31 - .32
Cacodylate, jars.....lb. 6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated soda, sal).
Caustic, flake, 76%, grd., powd., ammon. process, bbls., c.l., works..100 lbs. 2.35 -
dms., c.l., works.100 lbs. 2.60 -
l.c.l., Zone 1...100 lbs. 3.45 - 4.30
2 .....100 lbs. 3.60 - 4.35
3 .....100 lbs. 3.85 - 5.20
4 .....100 lbs. 4.25 - 5.60
electro process, dms., c.l., works..100 lbs. 2.85 - —
l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works..... 100 lbs. 2.25 - —
76%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works..... 100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l., works..100 lbs. 2.60 -
l.c.l., Zone 1...100 lbs. 3.05 - —
2 .....100 lbs. 3.20 - —
3 .....100 lbs. 3.45 - —
4 .....100 lbs. 3.85 - —
electro process, dms., c.l., works..100 lbs. 2.85 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .08
powd., bgs., c.l., works..lb. .06¾- —
l.c.l. works.....lb. .07 - .08½
Citrate, USP, VIII, gran., bbls. 225 lbs. .21 - —
cns., 50 lbs.....lb. .23 - —
25 lbs.....lb. .25 - .26
kgs., 100 lbs.....lb. .23 - —
USP X, gran., bbls., 250 lbs. lb. .27½- —
cns., 50 lbs.....lb. .29½- —
25 lbs.....lb. .31½- .32½
kgs., 100 lbs.....lb. .30½- —
powd., bbls., 250 lbs.....lb. .28 - —
cns., 50 lbs.....lb. .30 - —
25 lbs.....lb. .32 - .33
kgs., 100 lbs.....lb. .29 - —
Cyanide, 96-98%, dom., dms..lb. .15½- .17½
import., cs.....lb. .16¾- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —

R Salt—St. John's Bread

Soda fluoride, 95%, bbls., c.l., same basis..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.c. Phila.
Glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .90 - —
95%, cns.....lb. .85 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 100 lbs..lb. .32 - .34
Hypophosphite, cns.....lb. .67 - .75
Hyposulphite, cryst., large, bbls., 100 lbs 2.40 - 2.65
gen. bbls.....100 lbs. 2.50 - 2.60
gran., obls.....100 lbs. 2.75 - 2.80
Iodate, jars.....lb. 5.02 - 5.07
Iodide, jars.....lb. 1.80 - 1.85
Metanilate, kgs.....lb. .41 - .42
Metasilicate, cryst., bbls., c.l., works..100 lbs. 2.70 - —
gran., bbls.,c.l.,works.100 lbs. 2.15 - —
l.c.l., dlvd.....100 lbs. 2.60 - 2.80
Molybdate, tech., anhyd., kgs., lb. .16 - .20
cryst., kgs.....lb. .65 - .70
Monohydrated, bbls.....100 lbs. 2.60 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .09 - —
Naphthionate, bbls.....lb . - .4
Nitrate, crude, 100-lb. bgs., Feb.-June dlvy., ports.ton.27.50 - —
200-lb. bgs., same basis. ton.26.60 - —
bulk, same basis.....ton.25.50 - —
refd., gran., bbls, 10-25.100 lbs. 2.25 - —
5-9 .....100 lbs. 2.40 - —
1-4 .....100 lbs. 2.65 - —
powd., bbls.....lb. .06¾ Nom.
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized...lb. .07 - —
West Coast, f.o.b. ports.lb. .08¼- —
l.c.l. .....lb. .08¼- .11½
Soda nitrite l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs. .....lb. .11 - —
Perborate, NF, bbls., c.l., works..lb. .14¾- —
l.c.l., works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., c.l., works.....100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - —
bbls., c.l., works....100 lbs. 1.90 - —
l.c.l., works.....100 lbs. 2.10 - —
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. .....100 lbs. 8.35 - —
tribasic, bgs., c.l., works..... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works....100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
kgs., c.l., works....100 lbs. 2.55 - —
l.c.l., works.....100 lbs. 2.95 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, contracts..lb. .10 - —
spot .....lb. .11½- —
Pyrophosphate, anhyd., bbls..lb. .10 - —
cryst., bbls.....lb. .09½- —
Sal, bgs., dlvd. N. Y....100 lbs. 1.30 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N.Y.....100 lbs. 1.80 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .67 - —
Sesquisilicate, dms., c.l., works. 100 lbs. 3.00 - —
20 dms. and up, dlvd. N.Y.C. 100 lbs. 3.85 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works.. 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
43°, dms., c.l., works.100 lbs. 1.25 - —
l.c.l., 5 or more, works.. 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls.....lb. .06¼- .07
Import, bbls.....lb. .06¼- .07
Stannate, dms.....lb. .25 - .26
Stearate, lump, bbls, works..lb. .20 Nom.
powd., bbls., works.....lb. .24 - —
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works. 100 lbs. 1.70 - 1.90
less than 5 tns, works, 100 lbs. 1.85 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd.. 100 lbs. 2.90 - —
flake, chips, broken, bbls., c.l. works..100 lbs. 2.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd.. 100 lbs. 4.25 - —
solid, bbls., c.l., works. 100 lbs. 2.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.50 - —
less than 5 tons, dlvd.. 100 lbs. 2.75 - —
sulphite, cryst., bgs., works... 100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.65
powd., bbls., c.l.....100 lbs. 2.25 - —
l.c.l., 5 or more....100 lbs. 2.50 - —
1-4 .....100 lbs. 2.65 - —
Sulphocarbolate, cs.....lb. .27 - .29
Sulphocyanide, dms., cns....lb. .39 - .47
Sulphoricinoleate, bbls.....lb. .13 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs.....lb. 1.60 - 1.65
tech., kgs.....lb. .85 - .90
Solvent naphtha, high-flash, dms., works, frt. equald..gal. .30 - —
tanks, same basis.....gal. .31 - —
Water-white, dms., works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l. syrup, dms., basis sorbitol cont., works. lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .32 - .33
Spikenard root, bls.....lb. .12 - .15
Spruce extract, bbls., works...lb. .01¼- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01¾- —
tanks, works.....lb. .01¾- —
Squawvine leaves, bls.....lb. .14 - .15
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .09
powd., bbls., bxs.....lb. .13 - .15
St. Ignatius beans, bgs.....lb. .31 - .33
St. John's bread, bls.....lb. .06¼- .09

Starch, Corn—Trichloroethylene

Starch, corn, pearl, bgs...100 lbs. 3.75 - 3.95
powd., bgs.....lb. 3.85 - 4.05
Iodide, bots.....lb. 1.37 - —
Potato, dom., bgs.....lb. .04½- .05½
import., bgs.....lb. .08 - .09
Rice, bbls.....lb. .07¼ Nom.
Wheat, bgs.....lb. .05½- .06⅝
Stavesacre seed, bgs.....lb. .35 - .40
Stearin, oleo, bbls.....lb. .10½- .10¾
Stillingia root, bls.....lb. .06 - .09
Stoneroot, bls.....lb. .06½- .07
Storax, cs.....lb. .33 - .35
Stramonium leaves, bls.....lb. .11 - .12
Seed bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .30 - .31
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., bbls., c.l., works, lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-4 bbls. and over.....lb. .08¾- —
import, bbls.....lb. .08½- .09
Strophanthus seed, Kombe, bgs.lb. 1.45 - 1.60
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .85 - —
Hydrochloride, cns.....oz. .64 - —
Hydrophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .52 - .55
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works.lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .83 - 1.06
Milk, bbls., c.l.....lb. .13 - —
l.c.l., 10 or over.....lb. .15 - —
less than 10.....lb. .16 - .17
Sulphonethylmethane, kgs.....lb. 6.75 - 6.90
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts..long ton.18.00 - —
c.l., spot, nearby..long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs., c.l., works, 100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.35 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls., works.....100 lbs. 3.70 - 4.10
ref., broken, bgs., c.l., works, 100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, com'l., bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., bbls., works..100 lbs. 2.30 - 2.70
rfd., extra fine, bgs., c.l., works..100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works, 100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls, works.....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
Sulphur, roll, bgs., c.l., works.. 100 lbs. 2.35 - —
bbls, works.....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works.....100 lbs. 2.85 - 3.25
Chloride, dms., c.l., works..lb. .02½- —
l.c.l., dms., works.....lb. .03½- —
Dioxide, liq., com'l, cyls., wks. lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works.....lb. .04 - .05
refrigeration, cyls., works.lb. .15 - .17
multi-unit cars, works..lb. .07½- .10
Iodide, bots., jars.....lb. 3.80 - 3.85
Sumac, leaf, Sicilian, bls.....ton.63.00 -65.00
Extract, 42°, bbls.....lb. .05½- .06¼
51°, bbls.....lb. .06½- .08½
Stainless, bbls.....lb. .08¾- .09¼
Sumac, leaf, Sicilian, bls.....ton.65.00 -68.00
Sunflower seed, Calif., large, bgs. lb. .07 - .07½
medium, bgs.....lb. .06¼- .06⅝
poultry, bgs.....lb. .05⅝- .06¼
Hungarian medium, bgs..lb. .06¼- .06⅝
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 8.25 - 8.32½
run-of-pile, basis 16%, bulk same basis..ton. 8.00 - —
triple, 44-45%, a.p.a. bulk, f.o.b. Balto..unit-ton. .70 - —

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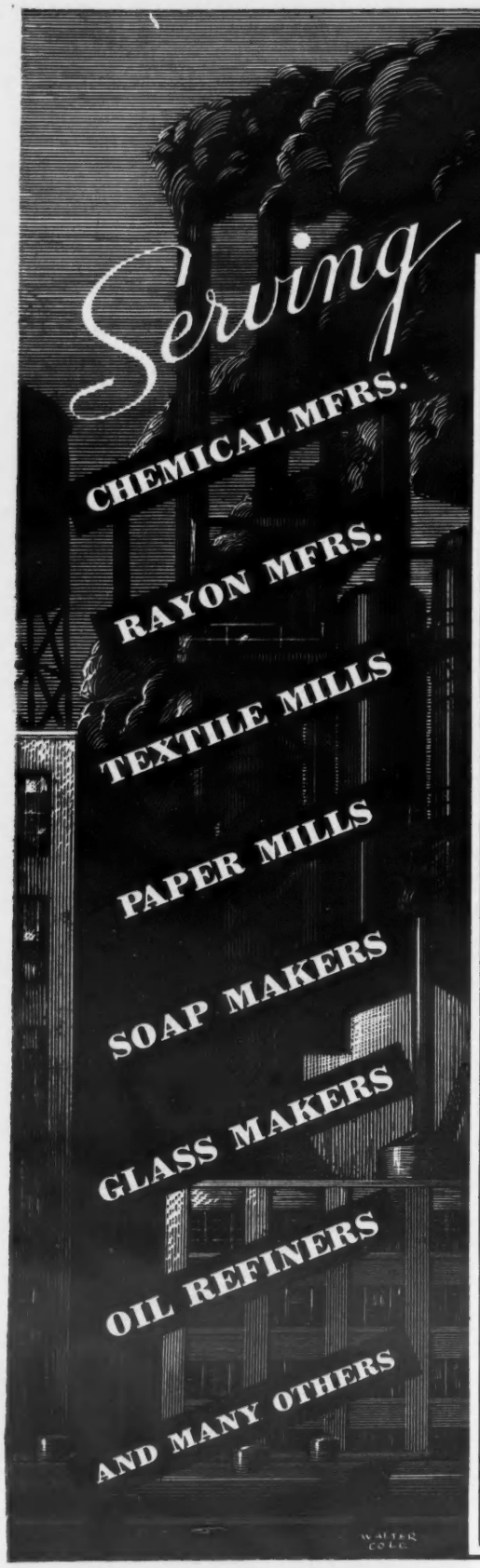
Talc, dom., Calif., 1, bgs, c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton.13.00 - —
l.c.l., mills.....ton.15.00 - —
96.98% 325 mesh, bgs., c.l., mills..ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
Talc, dom., N. Y., fibrous, 98-99½% 325 mesh, bgs., c.l., mills. ton..14.10 - —
l.c.l., mills.....ton.15.00 - —
99.85-99.95% 325 mesh, bgs., c.l., mills..ton.16.00 - —
coarse, off color, bgs., c.l., mills..ton.10.00 -12.00
Ohio, alum-magn. type, grd., bgs., c.l., mills..ton.21.00 - —
bgs., c.l., mills..ton.24.00 - —
Vermont, bgs., c.l., mills.ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
import., Canad., bgs., c.l., dlvd..ton.28.00 - —
l.c.l., dlvd.....ton.28.50 - —
French, high-grade, bgs.,l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls....lb. .10 Nom.
extra, loose, works.....lb. .08⅝- .08¾
special, loose, works.....lb. .08½- .08⅝
sulphonated 35% (24% fat), dms., c.l..lb. .07 - —
l.c.l.....lb. .07½- —
50% (43% fat), dms., c.l..lb. .07½- —
l.c.l.....lb. .08 - —
50% (48% fat), dms., c.l..lb. .08 - —
l.c.l.....lb. .08½- —
Tamarinds, W. I., bbls.....lb. .06 - .06½
kegs.....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12% ammon., 15-20% b.p.l., bulk.....unit-ton. 4.25 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk..... unit-ton. 4.25 & .10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk, Chicago..unit-ton. 3.75 & .10
high-grade feeding, bulk, Chicago..unit-ton. 4.00 4.25 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.i.f. ports, shipt. unit-ton. 4.25 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03½- .05½
Tar, pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....gal. .25 - —
l.c.l.....gal. .26 - —
tanks, dlvd. E. cities...gal. .20 - —
Tar acid oil, 15%, dms, c.l., works.....gal. .21 - —
l.c.l., same basis.....gal. .24 - —
25%, dms., c.l., works..gal. .24½- —
l.c.l., same basis.....gal. .27½- —
Tartar emetic, tech., fine gran., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
powd., bbls., 5 or more..lb. .24¾- —
less than 5.....lb. .25 - —
USP, powd, bbls.....lb .30 - .30½
Terebene, cns.....lb. .70 - .75
Terpenyl acetate, cns.....lb. .85 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms.....lb. .23 - —
Alpha, denat. grade, dms., c.l. lb. .14¾- —
contracts.....lb. .13¾- —
tanks.....lb. .14 - —
contracts.....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works.lb. .08 - .08¼
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .10½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 99% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.20 - —
Thyme, French, bls.....lb. .09½- .10
Thymol, bots., 100 lbs.....lb. 1.65 - —
smaller lots.....lb. 1.70 - 1.95
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons lb. .26 - —
5 tons, same basis.....lb. .26½- —
4% rotenone prices 5c. per lb., less.
Tin, crystals, bbls., kgs.....lb. .37½- .38
Metal, Straits.....lb. .49⅜- —
Oxide, bbls.....lb. .54 - .56
Tetrachloride, anhyd., bbls..lb. .25½- —
Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld..lb. .16 - —
Pac. cst., f.o.b. terminals.lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½- —
Pac. cst., ex whse....lb. .16½- —
50-999 lbs., E. dlvd.....lb. .16¾- —
Pac. cst., ex whse....lb. .16¾- —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse....lb. .19 - —
bbls., c.l. (20 tons) E., frt. alld.....lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
pigment, barium base, bgs., 1,000-lb. lots, E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd....lb. .06 - —
Pac. cst., ex whse..lb. .06 - —
under 50 lbs., E. dlvd.lb. .06¾- —
bbls., 1,000-lb. lots, E., frt. alld..lb. .06 - —
50-999 lbs., E. dlvd....lb. .06¼- —
calcium base, bgs., 1,000-lb. lots, E. frt. alld..lb. .05¾- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
50-999 lbs., E. dlvd....lb. .06 - —
Pac. cst., ex whse...lb. .06 - —
under 50 lbs., E. dlvd..lb. .06¾- —
bbls., 1,000-lb. lots, E. frt. alld..lb. .06 - —
50-999 lbs., E. dlvd....lb. .06¼- —
Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsams, cns.....lb. .48 - .53
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works,..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .28 - .30
Tonka beans, Angostura, cks...lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms, l.c.l., works. lb. 1.25- —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld. E. of Rockies..lb. .094 - —
W. of Rockies.....lb. .104 - —



MATHIESON

PIONEER PRODUCER OF ALKALI AND CHLORINE PRODUCTS

Forty years ago Mathieson began serving consumers of alkali and chlorine products. The intervening period has been one of revolutionary growth and progress in the American chemical industry, bringing new manufacturing processes, new methods of distribution, vast new applications for chemical products.

Throughout this period Mathieson, a pioneer producer of alkali and chlorine products, has continued to be a pioneer in new developments in the production, distribution and efficient application of heavy chemicals. Thus the name of Mathieson has steadily grown in stature as a dependable source of supply of those basic chemicals that enter so heavily into American industrial operations—the manufacture of rayon, textiles, paper, chemicals, soap, glass; the refining of petroleum and vegetable oils; the purification of municipal and industrial water supplies, etc.

Today, with a background of forty years' experience and with up-to-date plant facilities at Niagara Falls, N. Y., Saltville, Va. and Lake Charles, La., Mathieson is in a better position than ever before to serve consumers in all the principal industrial areas of the country.

The **MATHIESON ALKALI WORKS** *(Inc.)*
60 East 42nd Street **New York, N. Y.**

Soda Ash... Caustic Soda... Bicarbonate of Soda... Liquid Chlorine... Bleaching Powder... HTH and HTH-15 Ammonia, Anhydrous and Aqua... PH-Plus (Fused Alkali) Solid Carbon Dioxide... CCH (Industrial Hypochlorite)

Tricresyl phosphate, CP, cns., dlvd..lb. .36 - .40
dms., c.l., dlvd.....lb. .32 - —
500 lbs., dlvd.....lb. .35 - —
tech., 1, cns., dlvd.....lb. .26 - .27
dms., c.l., dlvd.....lb. .22½ - —
500 lbs., dlvd.....lb. .23 - —
2, cns., dlvd.....lb. .24 - .25
dms., c.l., dlvd.....lb. .20½ - —
500 lbs., dlvd.....lb. .21 - —
Triethanolamine, dms., works.lb. .26 - .30
Triethylene glycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms.....lb. .34 - .36
Triphenylguanidin, dms.....lb. .58 - .60
Tripoli, air-floated, bgs., c.l., works..ton.25.00 - —
l.c.l., ex whse., N.Y....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg., works.....bag. 4.00 - —
double-grd., bgs., c.l. works.. ton.17.00 - —
l.c.l., 1 ton, works....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works..ton.15.00- —
l.c.l., 1 ton, works....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms. lb. 1.80 - 1.90
Oxide, CP, kgs.....lb. 2.65 - 2.75
tech., kgs.....lb. 1.65 - 1.75
Turmeric root, Alleppy, bgs....lb. .06½- .07
Madras, bgs.....lb. .06¼- .06¾
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .47¼- —
l.c.l., 10, ex dock.....gal. .49¼- —
5, ex dock.....gal. .51¼- —
wood, dest.-dist., dms., c.l., dlvd, E. cities, ports..gal. .39 - —
l.c.l., same basis....gal. .41 - —
tanks, dlvd., E. cities..gal. .35 - —
steam-dist., dms., c.l., dlvd. gal. .44 - —
l.c.l., dlvd.....gal. .47 - —
tanks, dlvd.....gal. .39 - —

U

Unicorn root, false (see Helonias root). True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N, bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs.....lb. .14½- .15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. Gulf ports..unit-ton. 1.04 - —
Uva ursi leaves, bls.....lb. .12 - .13

V

Valerian root, 6/8.....lb. .11 - .12
Valonia, beards, bgs., shipt..ton.46.00 - —
Cups, bgs., shipt.....ton.35.00-36.00
Vanilla beans, Bourbon, tins..lb. 4.00 - 4.50
Mexican, tins.....lb. 4.00 - 4.50
cut, tins.....lb. 3.75 - 4.00
South American, tins.....lb. 3.75 - 4.00
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 - —
1,000 lbs. or more.....lb. 3.70 - —
900 lbs. or less.....lb. 3.75 - —
5-lb. tins, 2,000 lbs. or more. lb. 3.75 - —
1,000 lbs. or more.....lb. 3.80 - —
900 lbs. or less.....lb. 3.85 - —
Vanillin, ex eugenol, 1-lb. tins, 2,000 lbs. or more.....lb. 3.90 - —
1,000 lbs. or more.....lb. 3.95 - —
900 lbs. or less.....lb. 4.00 - —
1-oz. tins, 2,000 lbs. or more.. lb. 4.25 - —
1,000 lbs. or more.....lb. 4.30 - —
900 lbs. or less.....lb. 4.35 - —
single lbs.....lb. 4.80 - —
single ozs.....lb. 5.15 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs..lb. .47 - .49
Verdigris, kgs.....lb. .24 - .26
Violet, methyl, toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .76 - .80
tree, bark, bls.....lb. .24 - .25
Wattle bark, bgs., shipt.....ton.31.00 -32.00
Extract, 60°, bbls.....lb. .08¾- —
Wax, bayberry, import, bgs...lb. .16¼- .17
Bees, white, bleach, slabs., cs., 500 lbs..lb. .40 - .42
yellow, crude, Africa, bgs., lots of 10..lb. .28½- .29
1 bg.....lb. .29 - .30
Brazil, Chile, bgs., 5-10 tons..lb. .30 - .32
1 ton.....lb. .30½- .32½
500 lbs.....lb. .31 - .33
100 lbs.....lb. .31½- .33½
refd., slabs, cs., lbs.....lb. .33 - .37
Candelilla, bgs., 1 ton.....lb. .15½- .16
jobbing lots.....lb. .16 - .16½
Carnauba, bgs., No. 3 chalky, 1 ton..lb. .34½- .35
5, bgs.....lb. .35 - .35½
1, bgs.....lb. .35½- .36
N. C. 2, bgs.....lb. .38 - .40
N. C. 3, bgs., 1 ton.....lb. .35½- .36
5, bgs.....lb. .36 - .36½
1, bgs.....lb. .36½- .37
refined, bgs.....lb. .40 - .41
yellow, 1 bg., 1 ton.....lb. .45½- .46
5, bgs.....lb. .46 - .46½
1, bgs.....lb. .46½- .47
2, bgs.....lb. .44½- .45
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10½- .11
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11¾
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .35 Nom.
74°-76° C., bgs.....lb. .38 Nom.
snow-white, pure, 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05½- .06
White precipitate, powd., dms., lb. 1.76 - 1.78
bots., 5 lbs.....lb. 1.90 - —
Whiting, chalk, coml., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works.ton.11.20 -13.50
l.c.l., works.....ton.13.20 - 14.50
wet-grd., bgs., c.l., works, ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
l.c.l., works.....ton.18.50 -20.00
gilder's bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works.ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
extra, bolted, bbls., c.l., works..ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works.ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English clifftone (see Whiting, chalk, Paris white).
Limestone, air floated, 99.75% 250 mesh, paper bgs., c.l., works..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works, ton.13.50 - —
4-8 tons, works....ton.14.50 - —
2-4 tons, works....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works.....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls...lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07½- .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., c.l., works..ton.24.00 -30.00
standard, bgs., c.l., works.. ton.18.00 -24.00
import, 40-70 mesh, bgs., ex dock..ton.20.00 - —
80-100 mesh, bgs., ex dock..ton.25.50 - —
120 mesh, bgs., ex dock..ton.31.00 - —
Wormseed, American, bgs.....lb. .12 - .13
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), coml., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works...gal. .30 - —
tanks, E. of Omaha, frt. alld. gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld. gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .38 - —
tanks, E. of Omaha, frt. alld. gal. .33 - —
W. of Omaha, works....gal. .33 - —
Xylidin, mixed, dms.....lb. .35 - .36

Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 2.50 - —
Lithopone, all shades, bbls., 1 ton, works, frt. alld..lb. .40 - —
smaller lots, same basis, lb. .45 - —
kgs, same basis.....lb. .50 - —
sulphide, orange, bbls., works, lb. .90 - .25
Yellow, bbls., works.....lb. .90 - 1.00
Chrome, CP, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .13 - —
open order.....lb. .14 - —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch pink, bbls.....lb. .08 - .10
Mercury oxide (see M).
Ocher, American, golden, A, bbls., works..lb. .06¼- —
B, bbls., works.....lb. .04½- —
C, bbls., works.....lb. .03½- —
Yellow, A, bbls., works..lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01⅜- —
H, bbls., works.....lb. .01¼- —
Yellow, ocher, French, all shades, cks., c.l., ex-dock, Balto, Boston, N. Orleans, for import....lb. .0235- —
New York (f.o.b.)...lb. .02½- —
Philadelphia, for import..lb. .02¼- —
Portland, Seattle...lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .0245- —
New York.....lb. .02⅝- —
Philadelphia, for import..lb. .02⅝- —
Portland, Seattle..lb. .03⅛- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto, Boston, N. Orleans..lb. .0260- —
Chicago, E, St. Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03½- —
Minneapolis.....lb. .03⅝- —
New York.....lb. .02⅝- —
Pittsburgh.....lb. .03⅛- —
Portland, Seattle...lb. .03⅜- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y. from dock, lb. .02½- —
from whse.....lb. .02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N. Y.lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07¼
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .10 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .08 - .09
Yohimbine hydrochloride, vls.oz. 2.50 - 2.55

Z

Zinc, arsenite, bgs., cs., c.l., consumers, E. of Rockies..lb. .10 - —
dealers.....lb. .09½- .14½
1,000 lbs. and over, consumer..lb. .10½- —
dealer.....lb. .10 - .15
less than 1,000 lbs., consumer..lb. .11 - —
dealer.....lb. .10½- .15½
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .12 - .14
USP, precip., powd., bbls..lb. .31 - —
bbls.....lb. .31 - —
dms.....lb. .36 - —
kgs.....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., dms., works.100 lbs. 4.60 - —
gran., dms., c.l., works. 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
solution, dms., works.....lb. .04½- —
tanks, works.....lb. .02 - —
Cyanide, kgs., works.....lb. .36 - —
Dust, bbls., c.l., dlvd.....lb. .0815- —
l.c.l., 10,000 lbs. or over, dlvd..lb. .0890- —
less than 10,000 lbs., dlvd, lb. .0940- —
Fluoride, bbls.....lb. .09 - .09
Iodide, N.F., bots.....lb. 4.15 - —
jars.....lb. 4.00 - —
Metal (see daily quotations in Market report).
Oxide, pigment, dom., Amer. process, coml., lead-free, bgs., c.l., dlvd..lb. .05¼- —
l.c.l., dlvd. except Pac. cst..lb. .05½- —
ex whse., Pac. cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex whse., Pac. cst.lb. .05¾- —
leaded, 5%, 35%, bgs., c.l., dlvd..lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex whse., Pac. cs.lb. .05¾- —
bbls., c.l., dlvd.....lb. .05⅝- —
l.c.l., dlvd., except Pac. cst..lb. .05⅝- —
ex-whse., Pac. cst.lb. .05⅝- —
50%, bgs., c.l., dlvd....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¼- —
ex-whse., Pac. cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse., Pac. cst.lb. .05¾- —
French process, coml., lead-free, bgs., c.l., dlvd.lb. .05¼- —
l.c.l., dlvd., except Pac. cst..lb. .05½- —
ex-whse., Pac. cst.lb. .05½- —
bbls., c.l., dlvd.....lb. .05½- —
l.c.l., dlvd., except Pac. cst..lb. .05¾- —
ex-whse., Pac. cst.lb. .05¾- —
green seal, bgs., c.l., dlvd, lb. .06¼- —
l.c.l., dlvd., except Pac. cst..lb. .06½- —
ex-whse., Pac. cst.lb. .06½- —
bbls., c.l., dlvd.....lb. .06½- —
l.c.l., dlvd., except Pac. cst..lb. .06¾- —
ex-whse., Pac. cst.lb. .06¾- —
red seal, bgs., c.l., dlvd, lb. .05¾- —
l.c.l., dlvd. except Pac. cst..lb. .06 - —
ex whse., Pac. cst.lb. .06 - —
bbls., c.l., dlvd.....lb. .06 - —
l.c.l., dlvd. except Pac. cst..lb. .06¼- —
ex whse., Pac. cst.lb. .06¼- —
white seal, bgs., c.l., dlvd, lb. .06¾- —
l.c.l., dlvd. except Pac. cst..lb. .07 - —
ex whse., Pac. cst.lb. .07 - —
bbls., c.l. dlvd.....lb. .07 - —
l.c.l., dlvd. except Pac. cst..lb. .07½- —
ex whse., Pac. cst.lb. .07¼- —
import., gold seal, cks., ex-dock..lb. .10¾- .11¼
green seal, bbls., 1-15 tons, ex dock..lb. .07½- .09½
ex whse.....lb. .07⅝- .09⅞
red seal, bbls., 1-15 tons, ex dock..lb. .08⅞- —
ex whse.....lb. .09 - —
white seal, cks., lots of 3, ex dock..lb. .09¾- —
ex whse.....lb. .10 - —
smaller lots, ex dock...lb. .10 - —
ex whse.....lb. .10¼- —
Oxide, USP, bbls., c.l.....lb. .08 - —
l.c.l. ....t.....lb. .08¼- —
Palmitate, bbls.....lb. .23 - .25
Resinate, fused, pale, bbls...lb. .09 - .10
precip., dms., dlvd.....lb. .15 - —

Tricresyl Phosphate—Zirconium

Zinc, stearate, tech., precip., bbls., ctns., c.l..lb. .20 - —
l.c.l., 1 ton.....lb. .21 - —
1,000-2,000 lbs.....lb. .22 - —
less than 1,000 lbs..lb. .23 - —
USP, bbls.....lb. .21 - —
Sulphate, cryst., bgs., c.l.100 lbs. 2.65 - —
l.c.l.....100 lbs. 3.40 - —
bbls., c.l.....100 lbs. 2.80 - —
l.c.l.....100 lbs. 3.55 - —
flake, bgs., c.l....100 lbs. 3.65 - —
l.c.l.....100 lbs. 3.80 - —
bbls., c.l.....100 lbs. 3.20 - —
l.c.l.....100 lbs. 3.95 - —
powd., bgs., c.l.....100 lbs. 4.25 - —
l.c.l.....100 lbs. 5.10 - —
bbls., c.l.....100 lbs. 4.50 - —
l.c.l.....100 lbs. 5.25 - —
sulphide, bgs., c.l. (20 tons), dlvd..lb. .09 - —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09¼- —
bbls., c.l. (20 tons), dlvd..lb. .09¼- —
l.c.l., dlvd. E. or ex whse., Pac. cst..lb. .09½- —
Sulphocarbolate, NF, bbls...lb. .24 - .25
Zinc-ammonia chloride, dms., c.l., works..100 lbs. 4.65 - —
l.c.l., dms, works.....100 lbs. 5.00 - —
Zinc-iron oxide pigment, bgs., c.l., dlvd..lb. .04 - —
l.c.l., dlvd. except Pac. cst..lb. .04½- —
ex whse., Pac. cst....lb. .04½- —
Zirconium nitrate, kgs., works.lb. 3.00 - 4.00
Oxide, crude, 73-75%, grd., bbls., works..ton.75.00 -100.00
kgs., small lots, works.lb. .04¼- .04½
white, 98%, grd., kgs., works, lb. 1.40 - 1.52

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the January 4 issue; the next printing will be in the March 1 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 33.

Trade-Names and Brand-Names

Materials Used in Chemical Processing Industries

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Fiftieth Instalment

Jasmyl; aromatic for perfumery; Fritzsche Brothers, Inc., New York.

Javallal; aromatic for perfumery; Fritzsche Brothers, Inc., New York.

Javanella; alkali-proof odorant for soap; Felton Chemical Company, Brooklyn.

Javonol; stable odorant for soap; Ungerer & Co., New York.

JCB leather finishes; J. C. Bottomley & Emerson, Ltd., Brighouse, England.

Jenyl dyestuffs; Jennings & Co., Boston.

Jerale; substitute for oil of citronella; Magnus, Mabee & Reynard, Inc., New York.

Jerosee food colors; National Aniline & Chemical Company, New York.

Kalpinol (Sulphonated pine oil); textile and disinfectant oil; Kali Manufacturing Company, Philadelphia.

Kalvan (Processed calcium carbonate); R. T. Vanderbilt Company, New York.

Kantfreeze; antifreeze; Brooklyn Alcohol Corporation, Brooklyn.

Kap XX linseed oil; special grinding and varnish oil; Spencer Kellogg & Sons, Buffalo, N. Y.

Karab; finishing gum for textiles and paper; George Mann & Co., Providence, R. I.

Karbol; wood preservative; L. Sonneborn Sons, Inc., New York.

Karolith; casein plastic; Karolith Corpotion, Long Island City, N. Y.

Katalized tung oil; Beck, Koller & Co., Detroit.

Katanol dyes and mordants; General Dyestuff Corporation, New York.

Kathene; absorbents used in air conditioning; Surface Combustion Corporation, Toledo, Ohio.

Katheton dyestuffs; Jennings & Co., Boston.

Katigen dyestuffs; General Dyestuff Corporation, New York.

Kavit; chemical for treating textiles and leather; H. Th. Bohme A. G., Saxony, Germany.

Kaydol (White mineral oil); L. Sonneborn Sons, Inc., New York.

Kayso (Calcium caseinate); Thompson, Hayward & Co., Kansas City, Mo.

To be continued

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Flood Control And Business

Every association of industrial or commercial interests might well set itself the particular task of studying means of flood control and broadly discussing this problem at its next convention. Damages by floods are damages to business: directly in interference with operations and the greater or less destruction of property; indirectly in serious diminution of the financial resources of the public.

Flood control, therefore, is a matter deserving of the best thought that business can bring to its consideration. It is not a job for government alone; although, like most, if not all, other matters affecting the national economy, it calls for some measure of governmental participation.

Following the destructive floods of last March, there was much talk of flood control. Some good work has been done in the interim, but the gigantic task has not been tackled in a manner that promised any more protection than has been evident in the floods now subsiding.

Too much time has been spent in arguments about the relative virtues of different means of control. This waste and loss of motion has been confined largely to governmental consideration of the problem; business has done little talking, because it apparently has not looked upon the subject as one to which it should give consideration further than in efforts to get some sort of governmental action.

Governmental efforts for flood control must be both Federal and State. But, this combination can be applied to the larger aspects of the problem alone. These larger aspects are protective, remedial, not preventive. Prevention is the greater need, and this must be applied at the sources of the floods. The damage done by the washing away of soil is not the least factor in the economic cost of flood losses.

Large dams, or small dams, levees, sodding, gully-blocking, reforestation—each of these has its ardent advocates in the general discussion of the problem of flood control. Each of these means has a place and must be included in any plan that is designed to prevent or minimize flood losses. It is not enough to keep the flood waters in predetermined channels; the clear objective is to prevent floods—and to conserve the temporary oversupply of water.

Responsibility In Floods

When floods are viewed as a widely destructive economic force, the responsibility that their problem entails is marked as one of prevention, rather than control. And this responsibility settles finally upon the individual. If a man is so negligent about the construction and maintenance of a building he owns that water falling from its roof does damage to a neighbor, he can be compelled by law to compensate the neighbor and to take steps to prevent recurrence of the damage. The fact that the fall of rain or the melting of snow on his roof may be "an act of God" does not exempt him from liability for so directing, or failing to direct, the results of that act that somebody else is damaged.

The responsibility of the individual for damage done to another by flood waters which have been loosed or directed by some act or neglect of the former, should be equally definite. It might be that the City of Louisville, for example, should have cause for legal action against the State of Pennsylvania because of the failure of the latter to keep its surplus rainfall out of the Ohio river.

These are academic questions; although they may point the way to a mandate for a compact of States that would get to the bottom and build for real protection and prevention with reference to all that floods can, and disastrously do, mean.

But, to expect the States, or even their subdivisions, to do this very necessary work is a foolish inconsistency with the loudly professed belief that government should keep out of the affairs of business. Business loses when floods rage; government suffers only indirectly through the resulting impoverishment of a small or larger group of its people. Business, beginning with the various forms of it which work closely upon the soil, has had a considerable part in the increasing facility for the starting and growing of flood forces. The checking of these forces should interest business at least as much.

What can business do?

There is much inactive land belonging to business, along the reaches of tributaries where floods originate, that can be converted into catch-basins. There are denuded slopes, from which business has stripped the trees, that can be replanted—a slow preventive "medicine", but a necessary one. There are dams owned by business, which are inadequate. There is influence in business, that can reach the tilling landowner and induce him to do his part. Business can do much, and it would profit from the doing.

—O-P-D—

Paint Out The Drabness

To anyone, who looks upon the drabness of a typical industrial community, must come the thought that unrest among its dwellers should be expected. Dingy mills; a deeper dinginess on the houses to magnify their lack of ordinary comfort or convenience; over all a smoky, sooty atmosphere, indicative of careless, yes wasteful operating methods.

To the observer—if he have any faculty of envisioning better things—must come also the thought of how much cheer would be brought into the community by a generous use of pleasing paint. Not the muddy reds, and yellows, and grays that show here and there in patches on the less-weathered buildings, but bright paint, especially white paint or one of a slightly yellowed tint. If he has been in more pleasant places; has seen the red geraniums and the purple petunias in windows and door-yards of white-washed cabins far from the smoke and drabness in which big business dwells—then will his picture of the possibilities and the promise of paint be clearer.

Why should a mill or other industrial plant look like a wrecked hulk on a mud-flat? Why is it not clear to millowners that those who must exist amid drabness must be drab and, what is of greater importance, must think drab thoughts? Environment makes the man—and most largely does it make him in his mind. The simplest psychology demonstrates that truth. Why is it disregarded when drab minds are constantly exposed to glowing promises of better things, all too often against a background of flaming red instead of one of contenting white?

To paint the mills and the mill towns of the country would go a very long way toward removing the mental muck in which destructive theories flourish. These communities can be painted—in Wallsend-on-Tyne, England, there is a coal-cleaning plant that glistens with white paint!

The money invested in the painting of plant and dwellings in a drab industrial community would pay big dividends to the industries incurring the relatively small expense. There might be no immediate increase in the returns to the stockholders—even this would come in time—but the improvement in the mental atmosphere of the community would be worth far more. Paint the drabness out of a man's life, and he will make far better use of his living—and that, it is trite to say, is in large part his working.

—O-P-D—

'Fair' Is an Elastic Term

It is clearly evident in the arguments opposing legislation designed to protect industry against predatory price-cutting that those who find the cut-price decoy essential to their operations have a very peculiar conception of the meaning of the term, "fair." By no honest conception of the meaning of the term can it be fair to use as a loss leader the goods of a competitor who does not have the opportunity to recoup losses thus incurred by overcharging for other goods. To call price-cutting losses a part of advertising expense is not fair, because there is no fairness in deception. No price-cutter tells the public that he is taking a loss on his bargains; he attributes the low price to his efficiency.

Manipulation, not honest efficiency, makes drastically lower prices possible, and it is difficult to understand why any weight is given to claims of efficiency when the operating records of the claimant show that his operating costs are 25 percent or more of his gross sales.

It is an insult to ordinary intelligence to have a price-cutter piously declare that a price-maintenance contract would force him to exact an enormous profit of 30 to 50 percent from buyers of the goods he has been accustomed to use as decoys, when it is a demonstrable fact that his profit on the majority of the articles he sells is more than 50 percent. Otherwise he could not, as he does, make money with an operating cost close to 30 percent.

The "code of ethics" of the price-cutter differs widely from the basic rules set up in the Mosaic decalog. The full facts of this difference should be made better known, not only to lawmakers, but to the general public as well.

EIGHTY-EIGHT YEARS OF EXPERIENCE

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Alum—Pearl
Alum—Potash U.S.P.
Aluminum Sulphate Commercial and Iron Free
Aluminum Chloride Crystals
Aluminum Chloride Solution
Ammonium Nitrate
Ammonium Nitrate, C. P.
Ammonium Sulphate 99.8%
Ammonium Sulphate, Pure
Aqua Ammonia
Aqua Fortis
Arsenic Acid
Barium Carbonate
Barium Chloride
Barium Sulphate—(Blanc Fixe)
Battery Acid
Battery Coppers
Battery Zinc
Bi-Chromate of Soda
Bi-Chromate of Potash
Bi-Sulphate of Soda
Bi-Sulphite of Soda Solution
C. P. Ammonium Hydroxide
C. P. Glacial Acetic Acid
C. P. Hydrochloric Acid
C. P. Nitric Acid
C. P. Sulphuric Acid
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Cadmium
Cadmium Anodes
Cadmium Hydrate
Cadmium Plating Equipment
Cadmium Sulphide
Calcium Phosphate, Dibasic
Calcium Phosphate, Tribasic
Chromic Acid
Delimer K*
Duclean—Iron drum cleaner
2 Ethyl Hexenal
Fire Retardants
Fixtan A & B
Formic Acid
G. B. S. Soda
Glauber's Salt
Glauber's Salt Anhydrous
Hypo-Sulphite of Soda Crystals
Hypo-Sulphite of Soda Granulated
Hypo-Sulphite of Soda Pea Crys.
Indium—metal or oxide
Inhibitor No. 3—Non-Foaming
Inhibitor No. 8—Foaming
Insecticides and Fungicides
Lactic Acid, technical
Lactic Acid, Edible
Lactic Acid, U.S.P.
Lignasan* (Ethyl mercury chloride)
Manganese Nitrate
Mixed Acid
Mossy Zinc
Muriate of Tin Crystals
Muriate of Tin Solution
Muriatic Acid
Nitric Acid Commercial
Nitric Acid Engraver's Grade
Nitric Acid Fuming
Nogas
Oleum
Oxalic Acid
Phosphate of Soda
Phosphate of Soda—Anhydrous
Phosphate of Soda—Mono
Potassium Silicate Glass
Potassium Silicate Solution
Sal Ammoniac
Salt Cake
Sherardizing Zinc
Silicate of Soda—Anhydrous
Silicate of Soda Granulated
Silicate of Soda G.4.S.
Silicate of Soda Lump
Silicate of Soda Meta
Silicate of Soda Pulverized
Silicate of Soda "R-B"
Silicate of Soda Solid Glass
Silicate of Soda Solution
Snowflake Soldering Salts
Sodium Pyrophosphate
Sodium Formate
Sodium—Lead Alloy
Sodium—Zinc Alloy
Sodium Silico Fluoride
Soldering Flux Crystals
Soldering Flux Solution
Slab Zinc
Strontium Carbonate
Strontium Nitrate
Sulphate of Soda Anhydrous
Sulphate of Soda Technical
Sulphate of Zinc
Sulphide of Soda Concentrated
Sulphide of Soda Crystals
Sulphide of Soda Flake
Sulphide of Soda Fused Solid
Sulphite of Soda Crystal
Sulphuric Acid
Super Sulphate of Soda
Thallium Sulphate
Titanyl Sulphate
Tin Crystals
Tinning Flux
Tri-Sodium Phosphate
Zinc Anodes
Zinc Chloride Fused
Zinc Chloride Granulated
Zinc Chloride Solution
Zinc Dust—Non Gassing
Zinc Intermediate
Zinc Oxide
Tomahawk* 35% Leaded
Snow Cap* 5% Leaded
Zin-O-Lyte*
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Acids Output of 1935 31 Percent Above 1933

(Continued from page 5)

Hydrofluoric (basis 100%)—		
Pounds	2,972,161	[2]2,037,787
Value	$468,178	$320,634
Mixed (sulphuric-nitric)—		
Tons	46,074	41,962
Value	$2,105,231	$1,883,320
Nitric—		
Total production (basis 100%), tons	122,596	100,414
Made and consumed in same establishments, tons	98,093	67,575
For sale—		
Tons	24,503	32,839
Value	$2,142,817	$2,969,013
Oleic—		
Pounds	43,753,984	[4]...
Value	$3,272,536	.....
Oxalic—		
Pounds	8,883,521	9,223,062
Value	$945,215	$903,254
Phophoric—		
Pounds	[7]44,917,991	[7]24,652,505
Value	$1,335,354	$891,563
Pyrogallic—		
Pounds	86,516	72,553
Value	$115,802	$100,414
Stearic—		
Pounds	27,426,289	[5]...
Value	$2,776,396	.....
Sulphuric[6]—		
Total production (basis 50 deg. Baume), tons	6,462,212	[9]...
Made and consumed in same establishments, tons	1,991,743	[9]...
For sale—		
Tons	4,470,469	3,847,889
Value	$31,907,866	$26,482,063
Production, by process—		
Contact—		
Total production, tons	3,046,833	[9]...
Made and consumed in same establishments, tons	743,135	[9]...
For sale—		
Tons	2,303,698	
Value	$18,054,528	
Chamber—		
Total production, tons	3,415,379	[9]...
Made and consumed in same establishments, tons	1,248,608	[9]...
For sale—		
Tons	2,166,771	
Value	$13,853,278	
Tannic—		
Pounds	[5]724,552	682,462
Value	$304,728	$236,125
Tartaric—		
Pounds	6,887,101	6,798,855
Value	$1,609,027	$1,492,871
Hydrocyanic—		
Pounds	[5]1,905,027	.....
Value	$954,219	
Other acids, value	[10]$2,850,611	$5,874,028

[1] Includes synthetic acid and natural dilute and glacial acids.

[2] Includes, for 1935, approximately 25,285,000 pounds of carbon dioxide pipe to plants making "dry ice"; for 1933, approximately 64,500,000 pounds. No comparable data available for 1929.

[3] For 1935, basis 100 percent; for earlier years, not reported according to strength.

[4] No data.

[5] Revised.

[6] No figures for 1933, strictly comparable with those for other years, are available.

[7] basis 50 percent H_3PO_4.

[8] Data for establishments classified in the lead smelting and refining and copper smelting and refining industries are included in the figures for 1935 and 1929 but not in those for 1933.

[9] Data incomplete; see footnote 8.

[10] Includes, in order of importance, value of acetic anhydride, formic, and molybdic acids, etc.

Chemicals Studied For Insect Control

(Continued from page 3)

correct has given a new turn to the research, which now may produce the results desired. Better ways for recovering all the rotenone from derris and cube were devised last year.

Inorganic Insecticides

The possibilities for new insecticides among inorganic materials are not being overlooked. Cryolite (sodium fluoaluminate) has been shown to give adequate control of the codling moth in the relatively dry Pacific Northwest, although it holds out less promise farther East. Unfortunately, fluorine, a component of cryolite, is poisonous to man as well as to insects and its removal from fruits has thus far proved difficult.

Recent chemical analyses of a large number of commercial calcium arsenates revealed great differences in solubility and other characteristics. The chemists believe that these differences may be responsible for the variations in results obtained in using calcium arsenate. Supplementary tests by entomologists showed that the toxicity of calcium arsenate to insects and its injury to foliage are both decreased by heat treatment, especially in the presence of steam. The reasons for this are still being sought.

Skelgas Company, a subsidiary of the Skelly Oil Company, has certified to the Secretary of State of Delaware, a reduction in capital from $2,604,043 to $625,000.

Heavy Chemicals

General Demand Improved—Ammonia Oxalate Prices Lower—Tin Crystals and Soda Stannate Advanced—Tin Oxide Reduced —Tri-Basic Soda Phosphate Less Carlot Quotations Higher

An improved demand was noted for industrial chemicals during the week just closed. The slight betterment could be explained by replacement buying at the start of the new month. Some products were in broad demand for use in the flood area, but a retarding factor to demand for numerous other chemicals was the labor unsettlement in many industrial units, especially in the automobile trade. Changes in the market included an advance in less car lot works prices for tri-basic soda phosphate and a rise in tin crystals and soda stannate tin crystals and a lowering in prices for tin oxide and ammonia oxalate.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Soda phosphate, tri-basic, l.c.l., 15c. per 100 lbs.
Soda stannate, ½c. per lb.
Tin crystals, ½c. per lb.

Reduced

Ammonia oxalate, ½c. per lb.
Tin oxide, 1c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.9	153.9	153.7	153.3

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.5	99.4

Market news that may have developed after this report was sent to press will be found on page 4.

That tri-basic soda phosphate has been selling well within the cost of production could explain the rise in prices for less than car lot quantities. Car lot prices remained unchanged, as did the schedule for di-basic soda phosphate. Increase in tin crystals resulted from the fact that the daily price, on which tin crystal prices are fixed, for Straits tin was higher. On the other hand, tin oxide was lower, for the price for tin oxide is fixed on the monthly average price. The January average price was slightly under the December average price, bringing the decline.

Ammonia oxalate was lower as a result of the keen character of the competition in the market. Fluorspar prices were strictly nominal, barge shipments and production at the mines having been hampered by flood conditions. Feldspar was firm. Alkalies moved out in good volume. Bleaching powder was in short supply. Chlorine was firm. Copperas demand broadened.

Alums. — Business in ammonia and potash alum continued fairly active throughout the week just closed. Sellers reported prices were steady to firm. There was a good demand for alumina sulphate, both iron-free and commercial, and sellers were holding firmly to previous values.

Ammonia, Anhydrous.—Demand continued throughout the week just closed, sellers reported prices were firm. The call was typical of an off-season buying movement.

Ammonia, Oxalate. — Price was reduced to 22½c. per pound, reduction was due to severe competition.

Ammoniac, Sal. — Shipments were moving out at a good pace during the week. Sellers reported quotations were well maintained in the market for both the gray and white items. The battery trade and other routine consumers were supplying the call.

Antimony. — Business in the market for antimony metal continued quiet during the week, regular buyers showed little inclination to purchase beyond actual production wants. Prices ruled unchanged.

Antimony Oxide. — The call came mainly from the ceramic industry, the volume of business reaching a level sufficient to give the market a steady to firm tone.

Arsenic. — Business in the market for white arsenic continued at a good pace during the week just ended. Prices displayed a firm tone. There was little to report in the market for red arsenic. Usual consumers supplied the call.

Barium Salts.—The market for chloride and as well as for carbonate noted a highly irregular demand during the week just closed. Sellers reported prices were steady to firm. The call for hydrate and nitrate was fair at times, and quotations continued unchanged.

Bleaching Powder. — This situation was much the same as in the preceding period, with demand in excess of supplies on hand, the call having been greatly augmented by the buying for utilization in the flood area, and prices remained unchanged.

Blue Vitriol. — Buying of this copper derivative continued at a fair pace throughout the week just ended. Manufacturing consumers were ordering out supplies commensurate with actual requirements. Prices were decidedly firm, for the basic metal price was also firm.

Calcium Acetate.—This market offered little change during the week, with demand fair and price was steady to firm.

Calcium Chloride.—A substantial demand was reported for this article again last week, the extreme cold in the western section of the country was a factor promoting a good call, for the material is used in ice-control work. Quotations were unchanged.

Copper.—Demand in the market for electrolytic copper continued good during the week. Sellers were holding to 13c. per pound. For the month of January the local sales of copper totalled 54,300 tons.

Copperas.—This market noted a broad demand during the week just closed, the active call could be attributed to buying by sources to be used in the flood area. Prices remained firm.

Feldspar.—The call from the glass making and pottery trade continued good, sellers reported prices were decidedly firm.

Fluorspar.—A shortage was noted in this market. The shortage could be attributed to the fact that domestic production and shipments were being hindered by the flood, together with the fact that importers have a good volume of business on the books.

Lime.—The shipments of lime in the United States, according to preliminary figures furnished the Bureau of Mines by producers, comprising about 70 percent of the industry, increased approximately 27 percent as compared with the previous year, though still 17 percent less than the peak year, 1925. The total shipments thus indicated amounted to 3,783,000 short tons valued at $27,464,000. Prices of lime were fairly steady throughout 1936, averaging $7,26 in 1936 against $7,28 in 1935. Shipments of agricultural lime totaled 315,000 tons valued at $2,128,000 an increase of 11 percent, a normal improvement. The use of agricultural lime has not fluctuated recently to the same extent as shipments for other uses. A 25 percent increase in shipments of chemical and fluxing lime which totaled 1,988,000 tons valued at $12,651,000, is partly attributable also to greater steel-making activity, about one-third of the lime included in this category being used in iron and steel works. The paper industry, another large consumer, was also active in 1936, the sulphite pulp industry improving somewhat more than other branches of the paper trade. Improvement likewise occurred in most of the miscellaneous consuming outlets including water purification plants, tanneries, glass works, and miscellaneous chemical works. Lime sold as hydrated lime totaled 1,216,000 short tons valued at $9,700,000 which amounted to about 32 percent of the total output in 1936, compared with 34 percent in 1935. Over one-half the hydrated lime sold was for construction; nearly one-fifth was for agriculture; the remainder was mostly for strictly chemical uses; relatively little hydrated lime is used in the metallurgical industries. An increase of 36 percent in sales for constructional purposes accounted for most of the total increase in

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

LEAD ACETATE
JUNGMANN & CO., Incorporated
BArclay 7-5129
157 Chambers Street New York

PIONEER
SUPPLIERS OF CHEMICALS FOR OVER 70 YEARS
LIQUID CAUSTIC SODA
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Local delivery tank truck service throughout the Metropolitan New York area.
JOSEPH TURNER & CO.
38 EXCHANGE PL. PROVIDENCE R. I.
630 FIFTH AVE., NEW YORK
40TH ST. & CALUMET AVE. CHICAGO

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
PIONEER WASHING SODA
CHURCH & DWIGHT CO.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

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High Grade Quality for Manufacturers of Glass, Accumulators, Paints, Colors and for Delustring Silk
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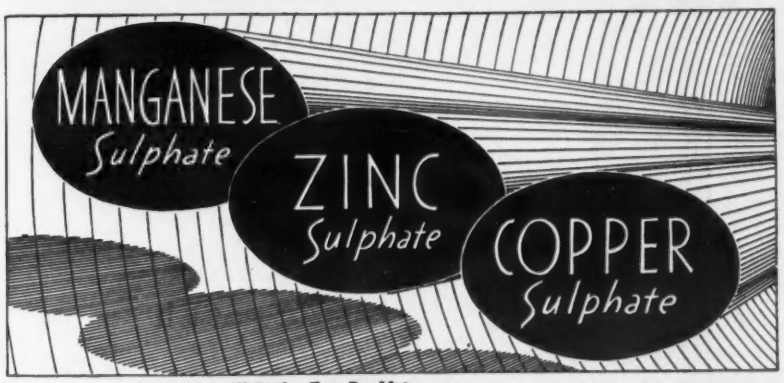
Telephones: AShland 4-4817-4818
103 PARK AVE., NEW YORK, N. Y.



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Modified Sodas
Special Alkalies
Nitrite of Soda
Liquid Chlorine
Calcium Chloride
Caustic Potash
Liquid—Flake—Ground—Solid—Lump
Ammonium Chloride
Para-dichlorobenzene
Ortho-dichlorobenzene
Ammonium Bicarbonate
Potassium Carbonate
Liquid—Granular Hydrated—Dustless Calcined
47% 83-85% 98-100%

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Nichols Triangle Brand Copper Sulphate is offered in Large or Small Crystals and Pulverized. Packed in new clean barrels or kegs, 450 lbs., 250 lbs. and 100 lbs. net.

NICHOLS COPPER COMPANY
Unit of the Phelps Dodge Corporation
Sales Offices: 40 Wall St., New York, 230 N. Michigan Ave., Chicago
Works: Laurel Hill, N. Y., El Paso, Texas

hydrated lime sales. Sales of this grade of lime for agriculture increased 12 percent, and those for chemical uses increased only 2 percent.

Magnesia Chloride.—Although demand was irregular again last week, sellers reported prices were firm at previous levels.

Potash Carbonate.—This market continued to experience a good demand during the week, the call coming from the textile industry and other usual channels of consumption. Prices ruled firm.

Potash Caustic.—Demand coming into the market from soap trade and from the chemical processors was termed good. Prices continued firm.

Potash Chlorate.—Match manufacturing companies continued to order out supplies in manner indicative of the continuance of a hand-to-mouth practice, and sellers reported prices were steady to firm.

Potash Permanganate.—Another quiet week was experienced in this market; usual consumers supplied the call. Quotations held steady to firm.

Potash Titanium-Oxalate. — Although the call lacked improvement, small quantities again making up the call, sellers reported prices were firm at previous values.

Saltcake.—A good inquiry continued in evidence for this material during the week, the glass industry and other usual sources of consumption furnished the activity. Prices were firm.

Saltpeter.—This market presented little change during the week, demand moving at a good pace and quotations were well maintained.

Soda Acetate. — A favorable buying movement was shown for this article, the call coming from the textile trade and other usual sources. Prices were unaltered.

Soda Ash.—The start of the new month brought about some replacement buying, the volume showing a slight improvement over the same period a year ago. Prices were unchanged.

Soda Bicarbonate. — Demand came from divers directions, the total for the week measuring up to satisfactory levels, and prices were steady to firm.

Soda Caustic. — Routine activities made up the week in this market, demand being slightly improved over the preceding period, for some quarters were replenishing depleted month-end stocks. Prices were in line with quotations in effect previously.

Soda Cyanide.—This market noted an active inquiry from usual quarters of consumption, for the electroplating trade was working at favorable production levels. Quotations were steady to firm.

Soda Fluoride.—The foodstuff industry and other routine buyers continued to order out fair-sized quantities. Prices were well held.

Soda Hydrosulphite.—A good inquiry was registered in this market; prices were unchanged.

Soda Phosphate.—An increase of 15c. per pound was noted in less than car-lot works prices, the schedule listing the bag price of $2.25 per 100 pounds; barrels, less car-lot works, $2.45 per 100 pounds. The car-lot works price was unchanged. No change was made in the schedule for di-basic.

Soda Silicate.—A good demand was reported here again last week. Prices continued firm.

Soda Silicofluoride.—A firm tone ruled in this direction again last week; the call from the ceramic industry, as well as from the laundry trade, was considered good. Prices were unchanged.

Soda Stannate.—An advance of ½c. per pound was reported in this market, higher quotation resulting from an advance in Straits tin.

Tin Salts.—Tin crystals advanced ½c. per pound, listed at 38c. to 38½c. per pound. Price for tin oxide was lower by 1c. per pound at 54c. to 56c. per pound; the lowering of prices came about as a result of a lower average price for Straits tin in January. The world's visible supply of tin increased 234 tons during January to 21,048 tons, the largest supply since February, 1934, when the total was 21,694 tons, according to the Commodity Exchange.

Acids

The market for mineral acids continued to experience a fairly good demand. Sellers reported quotations were steady to firm. Sulphuric acid noted a firm tone. Shipments of sulphuric acid were moving out at a good pace, with certain consuming industries operating at relatively high levels. The steel industry was reported working at a higher rate last week, and the automobile industry was affected by labor unsettlement. Chromic acid prices continued firm, the plating trade were withdrawing fair-sized quantities. Formic acid noted a good demand. There was little to report in the market for lactic acid, usual consumers were placing the call. Muriatic acid noted a firm tone. Battery acid moved through a routine week. Boric acid prices were firm.

Acetic.—Business continued good here throughout the week. Sellers were holding to previous prices. Sales were being made on the basis of 30 days net, no cash discount.

Battery.—A good demand continued in evidence for this article, sellers were reporting prices at previous levels.

Boric.—A fairly active demand was reported for this material again last week, consumers were withdrawing against contracts in volume sufficient to cover for nearby needs. Prices were unaltered.

Chromic.—This market noted a good demand from the plating trade. Prices were without change.

Formic.—A broad demand was reported for this material again last week, usual buyers supplying the call. No change was disclosed in quotations.

Lactic.—This market presented little change during the course of the week just closed. Routine demand was noted. A steady price tone was in evidence.

Muriatic.—An active inquiry was reported for this commodity again last week, and sellers reported the market displayed a steady tone.

Nitric.—Important developments were lacking in this direction, shipments were moving out at a good pace. Prices were without change.

Sulphuric.—A good buying movement was reported for this commodity during the week just closed. Manufacturing consumers were replacing depleted month-end stocks. Steel mill operations were higher, several plants having been affected by the flood were reported to have resumed production.

BALTIMORE, Feb. 3.—With most of the requirements of manufacturers of fertilizer mixtures in the way of sulphuric acid for the current year provided against by time contracts, there is not much room for a marking up of the quotations at any time in the near future, though, of course, the needs of other consumers may assume such proportions as to cause an advance. The prevailing tone of the market is characterized as quiet, but an undercurrent of firmness prevails, and the figures named are quite generally adhered to, they being $12 per ton for 60 degree and $15 per ton for 66 degree acid. Since an expansion in the output of fertilizers is expected because of the disastrous floods in the Middle West and the consequent necessity of enlarging the acreage planted in crops, it may easily happen that the quantity of acid contracted for will prove inadequate and supplementary orders may have to be placed, in which event the prices would probably be marked up. Producers of acid still talk of a rising trend in the market, and it is to be said that the returns actually realized come closer to the nominal quotations than for some time past.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

Oleum is in much the same position as acid, with the quotations around $16.80 per ton for 20 percent stocks.

Insecticides

Demand for agricultural insecticides and fungicides was slow again last week. Sellers, however, reported considerable progress has been made in booking business for 1937. Arsenicals continued to display a firm tone. Bordeaux mixture was quiet. The Department of Agriculture reported that the most promising of the department's newest insecticide discoveries is phenothiazine, a compound of carbon, hydrogen, nitrogen and sulphur that is easily prepared by combining diphenylamine and sulphur. Preliminary tests in the laboratory have shown that it killed larvae of mosquitoes and of the codling moth exposed to it. The main obstacle to the widespread use of phenothiazine in Northwestern orchards is its effect on the skin of those who handle it. Many orchard men, particularly sprayers, using it are afflicted with what looks—and feels—like a severe sunburn.

Bordeaux Mixture.—Demand continued quiet during the week. Prices were unchanged.

Calcium Arsenate.—There was a fair demand at times here, and quotations were firm.

Lead Arsenate.—This market noted an irregular call again last week, but a decidedly firm tone was in evidence.

Nicotine Sulphate.—There was little to report in this direction, demand was irregular and prices were unaltered.

CONSTANT as the TIDES

Diamond Alkalies owe their being only to man's ingenuity. They are not, as the tides, a product of the immutable laws of the universe; but it has been our special pride to maintain their qualities of purity and uniformity as fixed and predictable from day to day as the tides themselves. Throughout industry there is no greater assurance of dependability in an Alkali than the Diamond Trademark.

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PITTSBURGH *and Everywhere*

Diamond Products
58% Soda Ash
Bicarbonate of Soda
76% Caustic Soda
Carbon Tetrachloride
Diamond Soda Crystals
Modified Soda
Special Alkalies
Liquid Chlorine

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BARRETT CHEMICALS

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CHEMICALS

TAR ACIDS

Barrett Tar Acids are produced to meet highest standards of quality, uniformity and dependability. Barrett's unmatched service is available to every customer. Phone, wire or write for quotations.

PHENOL

(Natural) U. S. P. 39.5ºC. and 40ºC. Minimum Melting Points are pure white crystalline products generally used in the manufacture of Phenol-Formaldehyde Resins when extremely light color is necessary. Also used in the manufacture of chemicals and dyestuffs requiring material of highest purity.

39º C. M. M. Pt. Technical approximates the U. S. P. material in quality and is recommended for use when it is not necessary to adhere strictly to Pharmacopœia specifications.

82-84 per cent and 90-92 per cent Technical — grades which contain limited amounts of Ortho, Meta and Para Cresols.

CRESOLS

U. S. P. Barrett Cresol U. S. P. not only meets U. S. Pharmacopœia specifications but contains less than 9 per cent Phenol.

Meta Para Cresol. Standard grades having boiling ranges of 3ºC. and 5ºC. with Meta Cresol content 54.5 per cent and 52 per cent minimum respectively.

ORTHO CRESOL

Minimum Melting Point 30.4ºC. Also special Cresol Fractions to meet users' specifications.

CRESYLIC ACID

99 per cent, straw color, and 95 per cent, dark, grades of various distillation ranges, depending on requirements.

XYLENOLS

Boiling range 210-225ºC. or narrower fractions, if desired. Also Meta Xylenol Crystals (symmetrical).

TAR ACID OILS

Carefully blended oils ranging in tar acid content from 10 per cent to 75 per cent.

THE TECHNICAL SERVICE BUREAU of The Barrett Company invites your consultation with its technically trained staff, without cost or obligation. Address The Technical Service Bureau, The Barrett Company, 40 Rector Street, New York.

THE BARRETT COMPANY
40 Rector Street, New York, N. Y.

Coaltar Chemicals

Benzol Demand Better — Toluol Firm — Cresylic Acid Continues Strong—Phthalic Anhydride Active—1936 By-Product Output Shows Sharp Gain Over 1935

The market for coaltar chemicals experienced a good demand during the week just ended. Manufacturing consumers, especially the disinfectant trade, were ordering supplies out in a voluminous manner. The market developed a slightly firmer tone. Many of the basic products were in short supply in the spot market, contract commitments being equivalent to actual production. The market was without a specific price feature.

Benzol demand was sufficiently broad to give the market a firm tone. Reports from the rubber tire industry were to the effect that labor unsettlement was again in evidence. The labor disturbance in the automobile industry remains unsettled. Toluol demand was good. Cresylic acid, cresol and kindred products entering the disinfectant trade were in short supply because of the heavy demand for disinfectants from the flood area.

Production of coke from by-product and beehive ovens in the United States amounted to 4,608,655 tons in December, the daily average output of 150,283 tons being 4.0 percent above the November rate. Accumulations of coke to the end of December amounted to 46,317,087 tons, an increase of 11,175,826 tons, or 31.8 percent over the corresponding period of 1935. The output of by-product coke for the 31 days of December was 4,348,055 tons, or 140,260 tons per working day, a gain of 3.9 percent when compared with the November rate, according to the United States Bureau of Mines.

Coking charged in by-product ovens in December amounted to 6,241,864 tons, compared with 5,810,865 tons in November and 4,850,154 tons in December last year. Total for 1936 was 63,976,379 tons against 49,045,619 tons in the corresponding period a year ago. Tar production in 1936 was estimated at 589,862,214 gallons, compared with 452,200,607 gallons in 1935. Total for December was 57,549,946 gallons as against 53,576,175 gallons in November and 44,718,419 gallons in December last year. Light oil production in 1936 was 185,531,499 gallons as compared with 142,232,295 gallons in 1935. Total for December was 18,101,401 gallons as against 16,851,508 gallons in November and 13,065,546 gallons in December last year. Ammonia sulphate, or its equivalent, was recovered to the amount of 709,485 tons in 1936 as against 545,312 tons in 1935. December production was 69,563 tons, against 64,709 tons in November and 52,965 tons in December last year. Benzol production in 1936 was 106,560,000 gallons as against 78,590,117 gallons in 1935. December output was 10,317,000 gallons, against 9,578,000 gallons in November and 8,084,000 gallons in December a year ago.

Price Changes

Prices were changed during the past week as follows:—

Advanced
None

Reduced
None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
123.1	123.1	123.1	125.4

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Business in this market continued to move at a good pace throughout the week. Prices remained firm. The rubber tire manufacturing industry was being disturbed by labor unsettlement in the Akron district. Steel mill operations were at 79.6 percent of capacity, against 77.9 percent in the preceding period, according to the American Iron and Steel Institute. A month ago operations were at 79.4 percent and a year ago at 50 percent. Iron Age reported that resumption of steelmaking in the districts affected by the flood boosted ingot production. Benzol production in December amounted to 10,317,000 gallons, against 9,578,000 gallons in November, and 8,084,000 gallons in December a year ago. Calendar year to the end of 1936 noted a production of 106,560,000 gallons, as against 78,590,117 gallons for 1935. The estimate was furnished by the United States Bureau of Mines, on the basis of the production of coke at by-product plants ovens known to recover benzol.

Cresol.—This market noted a broader demand again last week, disinfectant work in the flood area influencing the call. Prices were unchanged, the price tone firmer because of the limited supply on hand.

Creosote Oil.—Some betterment was in evidence in the call for this material during the week just closed. Quotations displayed a steadier tone. Business booked for forward delivery was said to be fairly large.

Cresylic Acid.—This shortage was unabated, the call continuing heavy from the synthetic resin industry as well as from the manufacturers of disinfectants, the finished articles of which industry were in turn being purchased heavily for utilization in the flood area. Prices were nominal.

Naphthalene.—The market for crude naphthalene continued quiet during the week just closed, but the price tone continued firm, for reports from abroad continued to tell of the limited amount of material on hand. The active season in crude naphthalene usually starts in March, when refiners begin laying plans for the active buying movement of their product.

Phenol.—Demand was broad again last week, the call coming from the synthetic resin trade and other routine consumers. Prices were firm at the levels in force previously.

Solvent Naphtha.—An active call was noted for industrial water white solvent naphtha; prices were decidedly firm. The call for high flash naphtha was good. Quotations were unchanged.

Toluol.—Business in toluol noted some improvement during the period under review, and a firm tone was in evidence. Reports from the automobile industry were to the effect that negotiations looking toward a settlement of the labor strike in General Motors plants was still deadlocked.

Xylol.—A good buying movement was reported for this item; sellers were holding firmly to previously established quotations.

Chicago Coaltar Bases

Chicago, Feb. 3.—A moderately firm market prevails in coaltar bases. A little irregularity persists in benzols, but most of the grades of material in the general list are quiet and steady. Orders reaching sellers have reflected comparatively little change in volume, with a fairly steady flow of business reported. Xylols are in good call. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 10c. to 11c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13c.

Coaltar Acids

Anthranilic.—A good demand was noted at times during the week. Quotations were unchanged.

Benzoic.—Quiet prevailed in this direction again last week. Prices were steady to firm.

Broenner's.—There was little to report in this direction, usual consumers were ordering out supplies at a fair pace. Prices were unchanged.

Cleve's.—This market presented little change during the course of the week just closed, demand being confined to small quantities. Prices were unchanged.

Salicylic.—A good buying movement was shown for this material during the week just closed. Sellers were holding firmly to previous values.

Sulphanilic.—Dye makers were withdrawing shipments in fair volume at a good pace throughout the week. Quotations were firm.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Other Intermediates

Alphanaphthol.—A good demand was reported for this article at times during the week. Prices were steady.

Anilin Oil.—No slackening was shown in demand for this material, usual consumers furnished the inquiry, and prices were well maintained.

Betanaphthol. — A broad buying movement was shown for this merchandise throughout the period under survey. A firm tone governed the dealings.

Dinitrochlorobenzene.—A fairly active buying movement was reported for this article throughout the week under survey, and sellers reported quotations continued firm.

Dinitrotoluene, Oily. — Indications here were that consumers were ordering out supplies for immediate production wants only, but sellers were holding firmly to previous values.

Metatoluylenediamine.—Little activity was in evidence here. Sellers reported the market displayed a firm tone.

Orthonitroanilin. — Demand continued quiet again last week, and the market retained a firm price appearance, sellers were asking 55c. per pound.

Orthotoluidin. — Quiet prevailed in this direction again last week. Routine consumers supplied the call. Prices were unchanged.

Phthalic Anhydride.—A good buying movement featured this market again last week. A decidedly firm price tone was in evidence.

R Salt.—A highly irregular call was in evidence. Quotations were in conformity with the schedule in effect previously.

Toluidin.—Another quiet week was registered in this market. The irregularity in the call failed to have an influence on the price structure, a firm tone being in prominence.

Coaltar Colors

Business in the market for coaltar colors continued fairly good throughout the week just closed. Prices generally were steady to firm. The New York Cotton Exchange Service reported that domestic cotton cloth mills continued to find a relatively limited demand for many classes of goods, and their sales were doubtless below current high production, in aggregate yardage, but they have such a large amount of forward business on the books that machinery activity was fully maintained. The lighter shades continued as the colors in prominent demand. Imports of prepared dyestuffs into French West Africa during the first six months of 1936 amounted to 405 metric quintals valued at 506,000 francs, according to the vice consul at Paris.

Fair Trade Legislation Endorsed by N.H.C.A.

(Continued from page 3)

with other overhead expenses. If the prices of beauty parlor merchandise bearing a brand—a minimum price below which it cannot be resold—is fixed by contract, "chiselers" will be stopped from selling branded merchandise below the minimum price stipulated and thus responsible beauty parlor operators will be saved from injurious and unfair competition. The public interest at the same time will be subserved by promoting the efficiency, safety and dependability of the beauty parlors of the country. The manufacturers of nationally known branded merchandise will be protected, as well as the distributors and users, and altogether the proposed legislation should promote the general welfare.

Bids Wanted

Acetic Acid:—4,500 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, Ohio; circular 472, opening February 11.

Aluminum Potassium Sulphate: — 1,700 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, Ohio; circular 472, opening February 11.

Benzene:—16,377 gallons; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 504, opening February 15.

Blue Lead:—2,000 pounds; U. S. Engineer, Trust Company building, Galveston, Tex.; circular 159, opening February 10.

Bluing:—Supplies of; Sales Officer, Army War College, Fort Humphreys, District of Columbia; procurement 917-19, opening Febuary 15.

Bon Ami:—Supplies of; Sales Officer, Army War College, Fort Humphreys, District of Columbia; procurement 917-19, opening February 15.

Calcium Carbide:—16,000 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, Ohio; circular 472, opening February 11.

Caustic Soda:—65,000 pounds; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, Ohio; circular 472, opening February 11.

Dibutylphthalate:—4,100 pounds; Commanding Officer, Picatinny Arsenal, New Jersey; circular 496, opening February 11.

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LONG experience in the manufacture and use of benzol has given Jones & Laughlin a proper understanding of the requirements of industry. J & L Benzol meets your requirements because it is made to *your specifications.* If you have benzol problems to which you have not found the answer, call in the J & L Benzol Consultant. He will study your problem and supply a sample of benzol for you to test. If your present benzol supply is satisfactory, we would like to demonstrate our ability to meet your exact specifications, quickly and uniformly. Every shipment of J & L Benzol to a given specification is *exactly* the same.

J & L Benzol Service includes modern production facilities, and a competent technical staff always at your service. May we prepare a test sample of benzol made to your specifications?

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Commercially Pure Benzol *90% Benzol*
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Pure Toluol *Xylols (Solvent Naphtha)*
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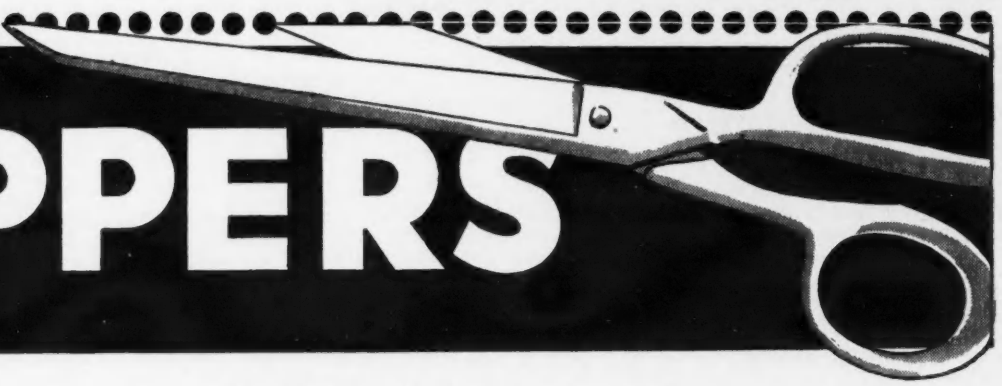

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☐ Solvent Naphtha (including High Flash)
☐ Phenol, 82% Purity
☐ Phenol, 90% Purity
☐ Cresol, U.S.P.
☐ Cresol, Resin Grades
☐ Cresol, Plasticizer Grades
☐ 3° Meta Para Cresol
☐ Cresylic Acid, Disinfectant Grades; 98% pale; low-boiling
☐ Cresylic Acid, Insecticide Grades; 98% pure; high-boiling
☐ Naphthalene
☐ Shingle Stain Oil
☐ Refined Tars
☐ Tar Acid Oils
☐ Pitch Coke
☐ Industrial Coal Tar Pitches
☐ Flotation Oils
☐ Creosote

CONSTRUCTION MATERIALS AND EQUIPMENT

☐ Tanks and Tank Work
☐ Benzol Recovery Plants
☐ Naphthalene Removal Apparatus
☐ Phenol Removal Apparatus
☐ By-product Gas Plants
☐ By-product Recovery Apparatus
☐ Sulphur Recovery Apparatus
☐ Coal Tar Roofing Materials
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☐ Tarmac Road Tars
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Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Five-hundred-twenty-seventh Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Aluminum Betabenzoylpropionate

Plastics

Starting point (U.S. 2001380) in making—
Films

Antimony Betabenzoylpropionate

Plastics

Starting point (U.S. 2001380) in making—
Films

(Betaphenylethylbeta-orthomethoxyphenylethyl)ethylamine

Chemical

Claimed (U.S. 2006114) as—
Substitute for papaverine

Bis(betaphenylethyl)-ethylamine

Chemical

Claimed (U.S. 2006114) as—
Substitute for papaverine

Bis(betaphenylethyl)-ethylamine Hydrochloride

Chemical

Claimed (U.S. 2006114) as—
Substitute for papaverine

Bis(gammaphenylpropyl)ethylamine

Chemical

Claimed (U.S. 2006114) as—
Substitute for papaverine

Bis(gammaphenylpropyl)ethylamine Hydrochloride

Chemical

Claimed (U.S. 2006114) as—
Substitute for papaverine

2-Brom-1-alphanaphthylaminoanthraquinone

Chemical

Starting point in—
Organic syntheses

Dye

Starting point (Brit. 443958 and 443959) in making—
Vat dyestuffs

Bromosuccinic Acid Hexadecylester

Soap

Starting point (Brit. 403883) in making—
Saponaceous products by reaction with amines such as anilin, piperidin bases, hydroxyethylanilin, dihydroxyethylanilin, paratoluidin (these products may be used alone or with other soaps, fillers, or compounds giving off oxygen)

Benzyldeltaphenylbutylmethylamine

Chemical

Claimed (U.S. 2006114) as—
Substitute for papaverine

8'-Chlor-1-alphanaphthylaminoanthraquinone

Chemical

Starting point in—
Organic syntheses

Dye

Starting point (Brit. 443958 and 443959) in making—
Vat dyestuffs

Chromium Betabenzoylpropionate

Plastics

Starting point (U.S. 2001380) in making—
Films

Cyclohexylcyclohexanol Sulphonate

Building and Construction

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified waterproofing preparations

Chemical

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsions of hydrocarbons
Emulsions of various chemicals
Textile lubricants in emulsified form
Wetting compositions in emulsified form

Cosmetic

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified cosmetics

Disinfectant

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified germicidal and disinfecting compositions

Dye

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified color lakes

Fats, Oils, and Waxes

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified boring oils
Emulsified drilling oils
Emulsified fat-splitting preparations
Emulsified fatty acids of animal or vegetable origin
Emulsified greasing compositions
Emulsified greasing and lubricating compositions containing various vegetable and animal fats and oils
Emulsified preparations of natural or synthetic waxes
Emulsified sulphonated oils
Emulsified wire-drawing oils
Emulsions of animal and vegetable fats and oils

Glue and Adhesives

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified adhesive preparations

Ink

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified printing inks
Emulsified writing inks

Insecticide

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified insecticidal and fungicidal compositions
Horticultural sprays

Leather

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified compositions for softening hides
Emulsified dressing compositions
Emulsified fat-liquoring baths
Emulsified finishing compositions
Emulsified soaking compositions
Emulsified waterproofing compositions

Miscellaneous

Dispersing agent (Brit. 449607 and 425239) in making—
Automobile polishes in emulsified form
Emulsified cleansing compositions
Emulsified compositions for cleansing painted and metallic surfaces
Emulsified degreasing compositions
Emulsified furniture polishes
Emulsified greasing compositions
Emulsified metal polishes
Emulsified penetrating compositions
Emulsified shoe polishes
Emulsions of various substances
Waterproofing compositions in emulsified form

Paper

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified compositions for sizing paper and pulp products
Emulsified compositions for waterproofing paper and pulp compositions and paperboard
Waxing compositions in emulsified form

Petroleum

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified cutting oils for screwpress and lathe work
Emulsified mineral oils
Kerosene emulsions
Naphtha emulsions
Petroleum pitch emulsions
Petroleum tar emulsions
Soluble greases in emulsified form
Solubilized emulsified oils and distillates
Textile oils in emulsified form, such as rayon oils

Soap

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified detergents, containing soaps, used for various purposes
Emulsified hand-cleaning compositions containing soap
Emulsified textile soaps

Textile

Bleaching

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified bleaching baths

Dyeing

Dispersing agent (Brit. 449607 and 425239) in making—
Dye baths in emulsified form

Finishing

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified coating compositions
Emulsified scouring compositions
Emulsified sizing compositions
Emulsified washing compositions
Emulsified waterproofing compositions
Emulsified waxing compositions

Manufacturing

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified baths for the carbonization of wool
Emulsified baths for degumming and boiling-off silk
Emulsified baths for soaking silks
Emulsified bowking baths
Emulsified compositions used for degreasing raw wool
Emulsified fulling baths
Emulsified kier-boiling baths for cotton
Emulsified mercerization baths
Emulsified spinning compositions
Oil emulsions for various textile purposes

Printing

Dispersing agent (Brit. 449607 and 425239) in making—
Emulsified printing pastes

Dibeta-1-indolyldiethyl Sulphide

Chemical

Intermediate (Brit. 444262 and 444501) in—
Organic syntheses

Pharmaceutical

Claimed (Brit. 444262 and 444501) to have—
Value for pharmaceutical purposes

Rubber

Accelerator (Brit. 444262 and 444501) in—
Vulcanizing

Dibeta-9-carbazolyldiethyl Sulphide

Chemical

Intermediate (Brit. 444262 and 444501) in—
Organic syntheses

Pharmaceutical

Claimed (Brit. 444262 and 444501) to have—
Value for pharmaceutical purposes

Rubber

Accelerator (Brit. 444262 and 444501) in—
Vulcanizing

2:6-Dibrom-1:5-bis-2'-methylalphanaphthylaminoanthraquinone

Chemical

Starting point in—
Organic syntheses

Dye

Starting point (Brit. 443958 and 443959) in making—
Vat dyestuffs

1:3:3:1':3':3'-Hexamethylindocarbocyanin Chloride

Dye

Starting point (Brit. 448508) in making—
Color lakes which are especially fast to light, oil, and alcohols, and are claimed to be superior to the corresponding lakes from triarylmethane dyes

Iron Betabenzoylpropionate

Plastics

Starting point (U.S. 2001380) in making—
Films

Manganese Betabenzoylpropionate

Plastics

Starting point (U.S. 2001380) in making—
Films

Molybdenum Betabenzoylpropionate

Plastics

Starting point (U.S. 2001380) in making—
Films

1:2-Phthaloylcarbazole

Textile

As a vat dye (Brit. 443958 and 443959)

Sodium-Cellulose Glycollate

Textile

Antifoaming agent (U.S. 1979469) in—
Dye suspensions
Antisettling agent (U.S. 1979469) in—
Dye suspensions

Dyestuffs and Textile And Leather Chemicals

Zinc Dust Advance Reflects Increase in Production Costs—Egg Products Continue Quiet—Corn Derivatives Steady—Good Call for Bichromates—Tanning Materials Unchanged

Business in the market for dyestuffs and tanstuffs continued irregular during the week just closed. Manufacturing consumers in all directions of the market were practicing a rather cautious buying policy, endeavoring to hold commitments down to actual production requirements. However, the volume of business showed some improvement over the same period a year ago, for operating levels in certain branches of the textile and tanning industry continued relatively high. The lone change in the market was zinc dust.

Zinc dust was higher last week as a result of a sharp advance in the basic metal. Bichromates continued to display a firm tone, with the buying coming from routine quarters, and a favorable volume of business was reported on the books for shipment over the rest of the quarter. Tanning materials were irregular. Wattle bark and mangrove bark continued in a firm position. Quebracho was steady to firm. Sizing materials were fairly active. Egg products were marking time as far as new trading was concerned, pending Washington legislation having caused a hesitating attitude on the part of both buyers and sellers. Alumina chloride was quiet. Corn derivatives were steady. Annatto and cochineal were dull.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Zinc dust, ¼c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.9	152.9	152.8	152.1

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—There was little to report in this market again last week, demand was moving along at an irregular pace. Prices continued firm at previous levels.

Antimony Salt.—Another dull week was recorded in this direction, consumers were covering for immediate production wants only, but quotations were well maintained.

Potash Bichromate.—A good inquiry was reported for this article throughout the week just ended, the call showing a slight betterment over the same period a year ago. A firm tone was in prominence.

Potash Prussiate.—A fairly active demand was reported in the market for red prussiate. No change was disclosed in quotations. Business in yellow prussiate was good. No change was uncovered in quotations.

Soda Bichromate.—A substantial buying movement was shown for this article during the week. Sellers reported prices were decidedly at the levels in effect previously.

Zinc Dust.—An advance of ¼c. per pound was made in this product, reflecting an advance of a similar amount in the basic metal.

Dyestuffs

Annatto.—Demand continued slow during the week just ended. Consumers were adhering to the policy of purchasing for immediate production wants only.

Archil.—This market offered little change from the preceding period.. The call continued moderate and prices were steady to firm at the levels in force previously.

Cochineal.—The carmine industry and other routine consumers were ordering out supplies at a slow pace during the week just closed, and importers reported no change in quotations.

Fustic.—Another quiet week was reported in this direction. Usual buyers were practicing a conservative buying policy and quotations held unchanged.

Indigo.—Business in the market for synthetic indigo continued fairly active and a firm tone was noted. There was little to report in the market for natural indigo. Demand was slow, but prices were well maintained.

Quercitron.—Demand continued highly irregular throughout the week just ended, and quotations were steady to firm.

Sizing Materials

Albumen.—The market for edible egg albumen appeared to be marking time as far as new transactions were concerned, but the volume of business against previously written contracts was considered good. Sellers reported prices were about the same as in the preceding period.

Dextrin.—A good demand was reported for the corn derivatives during the week just ended. Sellers reported consumers were apparently covering for nearby production needs and prices were well maintained at the levels in force previously.

Egg Yolk.—The trade appeared to be awaiting further developments at Washington, what with numerous bills being introduced relative to proposed excise taxes on imported egg products. However, the call for material against previously written contracts was fairly good. Prices continued about the same as in the preceding period.

Frozen Eggs.—The market on the New York Produce Exchange was quiet. On Friday, February whole mixed futures closed at 18.25c. to 19.50c.; March, 18.50c. to 19.50c.; April, nominal.

Starch.—This market continued to move along at a good pace throughout the week just closed. Sellers reported prices were firm at previously established levels.

Tanning Materials

Divi-Divi. — This market moved through another dull week. Prices were considered nominal, because of the small amount of business transacted in this market over recent months.

Gambier.—Business in the common material continued fair, and prices were nominal. The call for Singapore cubes and plantation material continued fairly active. No change was disclosed in prices, and a decidedly firm tone was in evidence.

Mangrove Bark.—This market presented little change. The activity was largely a matter of replacing depleted month-end stocks, but sellers were cautious to hold commitments down to actual needs. Prices were firm.

Myrobalans.—A decidedly firm tone continued in prominence in this market throughout the week just closed. Demand was fairly active. Sellers were listing J1 material at $28 per ton, and other sorts were unchanged from the preceding period.

Quebracho.—This market underwent little change during the course of the period under survey. Sellers reported demand was fair and prices continued to manifest a firm tone.

Valonia.—A favorable inquiry was reported for this material, with sellers asking $44 to $46 per ton for beards and cups were reported at $32 to $34 per ton.

Wattle Bark.—Business here was fairly active at times during the week. Prices were in conformity with the schedule in effect previously.

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

National Steel Barrel Offers New 5-Gal. Pail

The National Steel Barrel Company, Cleveland, Ohio, has just introduced a line of 5-gallon pails equipped with the company's easy-to-open, tight-sealing, "Quik-Lox" rings (United States Patent 1,706,471; 1,792,281; others pending) that offer many advantages to shippers of solid, semi-solid and liquid materials and to their customers. The new pails, pictured herewith, are easy to fill as the ring permits the head to be removed, exposing the entire interior of the pail to the view of the operator, eliminating exact spotting for filling and reducing the likelihood of spillage to a minimum.

After filling, the gasket-lined heads are replaced and the pails prepared for shipment by simply closing the quick-acting, lever-like ring, thereby lowering the cost of this operation and speeding it up. Provision is made for wire sealing to insure tamper-proof delivery in the event this is desirable. Also, the fully removable heads may be fitted with pull spouts, etc., as needed.

The customer, on receiving the shipment, is required only to release the ring and lift off the head. No tools are needed. No wedging action—resulting frequently in skinned knuckles—is required. There is a minimum of inconvenience. For storage, the customer simply replaces the head and resets the ring. The pail is air-tight again—preventing evaporation, contamination and oxidation.

"Quik-Lox" rings were introduced first on the National Steel Barrel Company's 55-gallon drums, and have received wide recognition on all sizes of drums in the National line. The company reports that many concerns are using these larger containers. There is every reason, according to company officials, to think that the "Quik-Lox" 5-gallon pails, too, will prove a valuable tool in breaking down sales resistance, opening-up new markets, in penetrating deeper into existing markets, etc. The demand for the new containers is already exceeding the company's most optimistic expectation.

"Quik-Lox" equipped 5-gallon pails are sturdy—of standard 5-gallon proportions with recessed necks to permit convenient storage—have stout bails and other features of National manufacture. They are furnished in attractive color combinations to meet any requirement—also with printed or lithographed customers' trade mark insignia. A sample pail will be sent on request—free—to persons writing on their business letterhead. There is no obligation.

Mahlon Kline Injured

C. Mahlon Kline, chairman of the board of Smith, Kline & French, Inc., Philadelphia, suffered painful injuries January 30 when he was thrown from his horse when it balked at a post-and-rail jump during a meet of the Pickering Hunt, near Phoenixville, Pa. He has been confined to the Bryn Mawr Hospital, but his injuries, described as internal bruises, facial abrasions, and shock, are not considered serious.

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MARTINOL
a soapless base for Hair Preparations.
SUPER SULFATES
MADAPROL
ALFRONIN
patented, modern auxiliary agents for the Textile, Leather, Paper and many other Industries.
MICHEL EXPORT CO.
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95 BROAD ST., NEW YORK, N. Y.
Specialties for the Manufacturing Chemical Industries

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLE, 205 Fulton Street, NEW YORK
Telephone: Cortlandt 7-1460-1461 Cable Address: "Fezan," N. Y.

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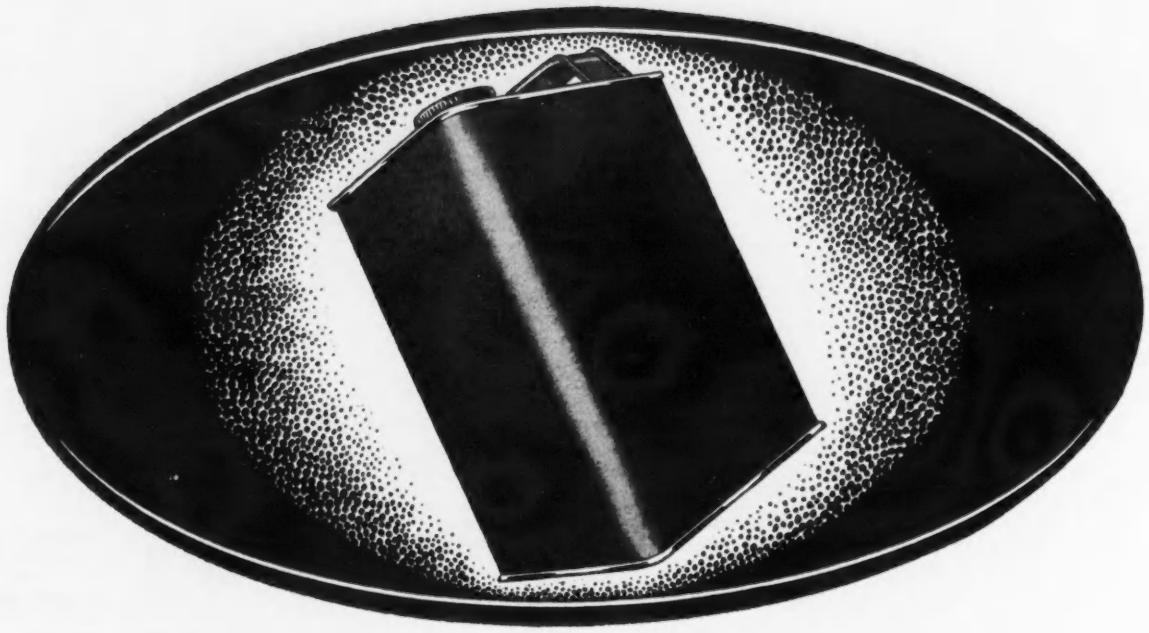
PLANTS AT BALTIMORE AND JERSEY CITY
MINES IN NEW CALEDONIA



SEEMLY SEAM

Next time you look at a Canco Double-seamed-end Varnish Can take a good look at it. Notice how the neatly beaded seams form gleaming bars at top and bottom. Through good designing and perfect production, what was formerly an interruption to the lithographed face of the package now augments and enhances it... If your varnish cans need a new dress, let us show you samples of what we have been able to do for other manufacturers by combining good basic can design with good display.

AMERICAN CAN COMPANY • 230 PARK AVENUE • NEW YORK CITY

CANCO

VARNISH CANS

Paint, Varnish, Lacquer Materials

Paint Grinding Active as Demand for Materials Grows — Resins Continue Strong — Moderate Changes in Naval Stores Prices — Lacquer Sales Up

Paint grinding continued apace as the movement of raw materials evidenced last week. Even with such major handicaps as the strike in the automobile industry and the flood destruction in the Mississippi and Ohio valleys, there was an excellent manufacturing demand in preparation for Spring business. A promising market for surface finishes was expected when the flood waters subside but for the present, business in the flood area was partially suspended and freight traffic to and from the lower flood district was virtually under an embargo status.

Purchasing by the tire manufacturers turned from caution to actual curtailment last week and some of the tire plants were shut down either from labor troubles of their own or as a result of canceled contract orders from the automobile manufacturers affected by the labor strike.

The advance in natural resin prices was limited to only two gradings last week—Singapore dust and Manila loba dust. The entire resin market was strong however, and the recent upswing of the market has stimulated trade on the spot and in the primary markets. Ester gum showed further statistical strength when glycerin prices moved up sharply last week.

Rosin and turpentine were quieter in Southern and local markets last week and changes in quotations were generally within moderate limits. Receipts at primary points were smaller and offerings in primary centers were generally rather light. There was a further strengthening of the statistical position as shipments were liberal.

Lacquer sales by 158 identical manufacturers in 1936 and 1935 totaled 44,287,268 gallons with a value of $55,849,980 in 1936 against 36,497,411 gallons valued at $46,525,644 in 1935, according to the compilation by the Department of Commerce. Sales in the fourth quarter of 1936 exceeded those of any previous quarter in the year, totaling 12,121,013 gallons with a value of $15,093,889; in the second quarter, sales were 12,071,087 gallons but the value was $15,138,829 or greater than the value for a slightly larger gallonage sold in the final quarter. The year's sales were divided as follows:—clear lacquers, 2,915,649 gallons; pigmented lacquers, 3,220,487 gallons; lacquer bases and dopes, 465,147 gallons, and thinners 5,519,730 gallons.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gum, copal, Manila, loba dust, 5/8c. per lb.
Singapore, dust, 5/8c. per lb.
Turpentine, gum, 1/4c. per gal.

Reduced

Casein, dom., Argent., 1/2c. per lb.
Rosin, gum, high grades, 50c. to $1.70 per 280 lbs.
Silica, $2 to $3 per ton.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
132.7	**132.7**	**132.7**	**130.0**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

The lead market idled through the week, but when zinc prices advanced so sharply on Thursday interest in lead was stimulated. Thursday and Friday business in pig lead was quite good, and for the first time within the past few weeks some of the producers had a daily waiting list of buyers. The quotations were quite firm at 5.85c. per pound at East St. Louis and 6c. to 6.05c. per pound at New York. Imports of lead totaled 482 tons in December, against 222 tons in November, while exports were 2,957 tons in December, against 2,171 tons in the preceding month, according to the American Bureau of Metal Statistics.

Slab zinc prices jumped up sharply Thursday. As the trade awaited the January statistics with anxiety, the market was advanced 1/4c. per pound, the sharpest jump in recent times, and the advance placed quotations at 6 1/4c. per pound at East St. Louis, the best prices for the metal since 1929. The nominal position at New York was 6.60c. per pound. The January statistics were expected any day, and it had been thought generally that the figures would show very light stocks. The advance in the price was accepted in the trade as a predication of the scarcity of the metal, and some believed that importers would be able to obtain a better play in the market here. Imports in December were 1,132 tons, against 554 tons in November, according to the American Bureau of Metal Statistics.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from January 30 to February 5, inclusive, were as follows:—

	Pigs		
	Per pound—		Spot. London. Per ton—
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0600@.0605	$0.0585	.. .. ..
Monday	.0600@.0605	.0585	26 7 6
Tuesday	.0600@.0605	.0585	27 11 3
Wednesday	.0600@.0605	.0585	27 10 0
Thursday	.0600@.0605	.0585	27 2 6
Friday	.0600@.0605	.0585	27 0 0

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from January 30 to February 5, inclusive, were as follows:—

	Slabs		
	Per pound—		Spot. London. Per ton—
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0635	$0.0600	.. .. ..
Monday	.0635	.0600	21 1 3
Tuesday	.0635	.0600	21 3 9
Wednesday	.0635	.0600	22 0 0
Thursday	.0660	.0625	22 5 0
Friday	.0660	.0625	22 7 6

Pigments

Grinding operations in paint manufacturing plants continued at an active rate as evidenced by the demands for deliveries against contracts. Ordering of materials has improved progressively since the middle of January and trade in opaque pigments during the past week was better than in any preceding week this year, the upset trade conditions in the Middle West and the Mississippi valley notwithstanding. White lead was still slow as the purchasers were fixed on purchases in December. The battery trade's purchases of red lead were more or less suspended. The prices were without change throughout the pigment list.

White Lead.—The demands were small and the trade was apparently still covered on immediate needs by the purchases made in December when it had been announced that the price would rise on January 1.

Red Lead.—The battery makers' demands have been absent from the market for the past few weeks. There was a regular movement to battery plants still operating but some of the large battery plants were still idle. Prices remained unchanged at the levels that have been standing for about six weeks.

Litharge.—The market's position was similar to that of red lead. Prices continued in a steady position, resting evenly on the metallic lead market.

Lithopone.—The manufacturers in the East continued to report an active demand for deliveries. Trade has been increasing since the latter part of January and the rate of deliveries out of the local producing plants was quite active last week. Prices held steady and unchanged.

Titanium Pigments.—The market continued active and the buyers' withdrawals have been maintained at a good pace for the past several weeks. Prices for dioxide, lead-titanate, and the barium and calcium compounds continued unchanged. A bill (H.R. 4212) has been introduced in the House by Representative John L. McClellan of

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

EARTH COLORS
INDIAN - TURKEY - VENETIAN.
OCHRE - SIENNA - UMBERS
JOSEPH A. McNULTY
114 Liberty Street New York

SUPERLITH XXX
THE SUPERIOR ZINC SULPHIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1883

PLANT EQUIPMENT FOR
ALBERT H. BRUECKE
BODIED OILS • PRINTING INKS
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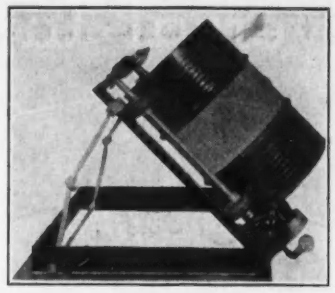
NAPHTHENIC SOAP
FLAG BRAND WHITE OILS
NAPHTHENIC ACID SLUDGE
Specifications Upon Request
S. SCHWABACHER & CO., Inc.
25 Beaver Street *Importers* New York


THE JIFFY
Drum and Barrel Cleaning Machine
LIGHT - COMPACT - INEXPENSIVE
Write for circular and prices
The Vol-U-Meter Co., Inc.
Ohio Street Buffalo, N. Y.

"SUCO"
Ultramarine Blues
Alkali Blue Toners
Methyl Violet Toners
Blanc Fixe
STANDARD ULTRAMARINE COMPANY
HUNTINGTON, W. VA.

Shawnee DRY COLORS
Color Content Guaranteed
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works LOUISVILLE, KENTUCKY
Offices and Agents in Principal Cities
Distillers of Coal Tar Products

NIACET PRODUCTS
Acetic Acid Glacial and U. S. P.
Acetal
Acetamide
Acetaldol
Paraldehyde
Acetaldehyde
Crotonic Acid
Iron Acetates
Methyl Acetate
Crotonaldehyde
Aluminum Acetate
Aluminum Formate
Sucrose Octa Acetate
Other Acetate Salts
FOR RESINS and PLASTIC MANUFACTURE
ACETALDEHYDE
PARALDEHYDE
CROTONALDEHYDE
ACETALDOL
PENTAERYTHRITOL
CROTONIC ACID
NIACET
CHEMICALS CORPORATION
Sales Office and Plant Niagara Falls, N.Y.

Arkansas to impose a duty of 2 cents per pound on the metallic content of titanium ore or concentrate containing more than 50 percent of titanium dioxide. At present titanium ore and concentrates enter duty free, while titanium metal bears a duty of 25 percent.

Zinc Oxide.—Although the tire makers continued to buy raw materials cautiously, and another large Akron plant was reported to have shut down Wednesday, the market's pace has not been slackened because of the increased takings by the paint and surface coating manufacturers. Prices continued at schedule and were regarded as quite firm.

Fillers and Extenders

Prices for the lower grades of silica have been reported cheaper but otherwise there was no change in the prices for materials included in the group of inerts, extenders and mineral whites last week. As reported a week ago, car lot prices for tripoli were reduced. Barytes held steady and the Jefferson County mines in Missouri were far out of the flood zone.

Barytes.—Prices continued without change. Local demands continued fairly active and the takings by the regular consumers have shown progressive improvement since the middle of last month.

China Clay.—The market for both dry and wet ground domestic material held firm at the advances that took place previously.

Silica.—Eastern sellers reported lower prices on 95-97 percent dry ground 325 mesh amorphous material with car lots offered at $20 per ton, 2½ ton lots at $19 per ton and smaller quantities at $20 per ton. The 95-97 percent wet ground 325 mesh was lowered to $18 per ton in car lots, $19.50 per ton in 2½-ton lots, and $21 per ton in smaller quantities; 96-98 percent wet ground, 325 mesh, was priced at $20 per ton in car lot amounts, $21.50 per ton in 2½ ton lots, and $23 per ton in smaller quantities. All quotations were f.o.b. works.

Tripoli.—As reported here a week ago, car lot prices for all grades have been lowered and quotations for air-floated in this quantity were now $25 per ton. Single-ground was $15 per ton and twice-ground, $17 per ton, basis sellers' works.

Dry Colors

The color market was in a generally firm position and was without price shift during the past week. Sellers of earth and chemical colors reported an active type of trading, except to the lacquer manufacturers supplying the automobile trade. The floods in the Mississippi valley sector halted orders from and deliveries to that sector. Carbon black demands for the tire trade have been curtailed.

Alkali Blue Toner.—The market continued in a steady position and the demands from the printing ink trade were maintained in regular fashion.

Carbon Black.—The tire manufacturers purchases have been curtailed and some plants have shut down operations completely. The demands for specialty blacks from the ink and paint industries, however, were lively. Prices continued steady and unchanged.

Chrome Yellow.—Some manufacturers were reported behind on the delivery of orders. The prices continued in a steady position at the levels that were established in December.

Iron Blues.—Steadiness was the principal characteristic of the market as prices held at the contract and open order schedules established in the closing part of last year.

Lake C Red.—The calls from the printing ink manufacturers were of good size and the market held a steady position at prices that have been in force for some time.

Spanish Red Oxide.—The situation has not changed since last reported. There are no stocks here and no likelihood of nearby replacements. Sellers have been offering substitutes.

Vermilion.—The market held at $1.72 per pound for 500-pound lots and $1.73 to $1.82 per pound for smaller quantities.

Varnish Gums

Advances in natural gum prices were not so numerous as they had been and last week's movements in price were limited to two gradings. Loba dust and Singapore dust. The Congo gums held at the price levels established in the preceding week and outside of the aforementioned advances in dust gradings, the Singapore and Manila gums held without further change. Trade was reported to have been fairly good last week and varnish makers' interests in the market were evidently stimulated by the recent boost in prices.

Copal.—The advances in prices last week were limited to Loba dust which was increased ⅜c. per pound to 6⅛c. per pound for car lots and Singapore dust which advanced 1⅛c. per pound to the basis of 6⅛c., also in car lots. Usual differentials for smaller quantities were in force.

Dammar.—There were no changes in the Singapore and Batavia gums last week. Prices were held firm both here and abroad and the trading was quite active. According to a Department of Commerce report, exports of gum dammar from Siam for the fiscal years ended March 1935 and 1936 were, respectively, 15,223 and 13,301 piculs (1 picul being 133 1-3 pounds). For the latter fiscal year the exports by principal countries of destination were Singapore, 10,367 piculs; Germany, 1,594 piculs; Japan, 962 piculs and the United Kingdom, 343 piculs.

Synthetic Resins

Another advance in glycerin prices and a very tight supply situation for that raw material, gave further statistical strength to the ester gum market last week but the prices for ester gum were unchanged and held at the recently established level of 11½c. per car lots, 11¾c. for 10-drum lots, and 12c. per pound for smaller quantities. The demands of the trade have been good for leading manufacturers reported that there has been no diminution of consumption since the prices reached their current level.

Naval Stores

Quieter conditions prevailed in Southern and local markets for naval stores last week, this applying to both domestic and foreign business. The slowing down was attributed by some here to the labor troubles in western centers and to the serious floods, these developments having curtailed consumption and made transportation extremely difficult. A reactionary trend in some other commodities of importance also appeared to find reflection to some extent in the attitude of consumers of rosin. The undertone of Southern markets for naval stores was still regarded by many as firm, however, and rather bullish views continued to be expressed by some close students of the situation as to the probable course of prices with a settlement of the labor, flood and transportation troubles, especially in the case of rosin.

There was a further strengthening of the statistical position of rosin last week as a result of liberal clearances from seaboard markets for foreign destinations on contracts previously placed. Stocks in the three principal centers are far below those of a year ago and the situation is expected to take on a still stronger appearance in the not distant future as operations in the woods are reported to have shown marked decline of late. Receipts of both rosin and turpentine last week showed a falling off and a steady shrinkage in the movement is expected by some during the remainder of the season. There were reports of negotia-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

Universal In Application
Universal In Use
North
The Standard
High-Color Black of the
Varnish and Lacquer Industry
West
Super Spectra
East
Brilliant black color and desirable working qualities make Super Spectra the favorite wherever high-grade carbon black is used
South
200 TONS OF SMOKE A DAY
200 TONS OF SMOKE A DAY
BINNEY & SMITH CO. • COLUMBIAN CARBON CO.
41 EAST 42ND STREET, NEW YORK, N. Y.

tions for additional lots of the government holdings last week, but no actual transactions were announced. Supplies of government rosin remaining unsold were put at 75,000 barrels and the holdings of turpentine at 85,000 barrels.

The attendance at the meetings of producers and other members of the naval stores industry at the meetings held in the South last week in connection with the government conservation plans for the coming season was large. The chief of the Naval Stores Research Division of the Department of Agriculture has invited producers in making plans for next season to make use of the results of studies conducted by the division, pointing out that each producer would do well to avail himself of the advisory services and demonstrations of approved practices as offered by the Southern Forest Experiment Station of the United States Forest Service at Lake City, Florida, and by the Naval Stores Station of the Bureau of Chemistry and Soils at Olustee, Florida.

Turpentines.—The local market was quieter last week. There was nothing stimulating in the way of primary developments and consumers were disposed to limit their takings to small quantities to fill current needs. The undertone of Southern markets was regarded as firm. Receipts were smaller and the indications seemed to point to a further shrinkage in arrivals in the not distant future. Offerings in primary markets from day to day were light. The foreign inquiry continued slow.

SAVANNAH, Feb. 5.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
*Saturday	..	...	...	...	.....
Monday	42	21	74	222	30,476
Tuesday	42	24	47	738	29,785
Wednesday	42	...	61	129	29,717
Thursday	41	8	55	145	29,627
Friday	42¼	17	21	999	28,649

* Market closed.

JACKSONVILLE, Feb. 5.—Changes in turpentine prices were moderate. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
*Saturday	..	...	...	...	.....
Monday	41	...	115	1,865	40,204
Tuesday	40¾	51	68	...	40,272
Wednesday	41	81	12	3	40,281
Thursday	41	...	40	41	40,280
Friday	41	...	12	11	40,281

* Market closed.

PENSACOLA, Jan. 30.—Turpentine was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Barrels Shipments.	Barrels Stocks.
Monday	21	...	23,877
Tuesday	15	283	23,609
Wednesday	19	...	23,628
Thursday	..	121	23,507
Friday	2	...	23,509
Saturday	5	...	23,512

CHICAGO, Feb. 5.—Turpentine is quiet and a little easy in this market. Buyers have been inclined to let the market alone for some little time and with the weight of a fair amount of offerings, prices are showing a moderate recession. Tone remains moderately good. The trade is watching the general economic situation with reference to demand, as well as the supply factor, and current takings remain somewhat limited. Ruling prices at the close of business last night were:—Five-drum lots, 51c. per gallon; five wood barrels, 56c.; single drums, 54c.; single barrels, 59c.

LONDON, Feb. 5.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	42	9
Monday	42	9
Tuesday	42	9
Wednesday	42	9
Thursday	41	9
Friday	41	9

Stocks of American turpentine in London were:—

	Feb. 5.	Previous week.	Last year.
Barrels	27,500	24,977	12,533

Rosin. — Local quotations showed irregularity at times last week in company with developments in primary markets. Changes were generally within narrow limits, however, as offerings of most grades were light during the period. A development of interest in the primary situation was a falling off in the movement from the interior to the seaboard. According to some in the trade the indications pointed to a continuation of light receipts during the remainder of the season. There were reports of a fair foreign inquiry in Southern markets but actual sales were apparently unimportant.

CHICAGO, Feb. 5.—With business in the general naval stores situation slowed down by flood developments, the rosin market has been quiet, and has reflected no important trends. Buying is along routine lines, with most buyers apparently inclined to mark time and await the possibility that something will happen to point the outlook. Tone generally is fairly good. Ruling prices at the close of business last night were: B grade, $11.90 per lot of 280 pounds; G grade, $12.60; M grade, $12.75; W. W. grade, $13.50.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

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So EASY to get;
So HARD to equal!
Warehouses most everywhere.

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THE LARGEST MANUFACTURERS OF CHEMICAL PIGMENT COLORS IN AMERICA
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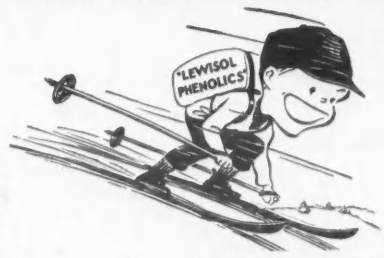

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Manufacturers of Synthetic Resins
STOCKS CARRIED AT MAJOR SHIPPING POINTS

LONDON, Feb. 5.—Quotations on American rosin were as follows:—

	Per cwt. in barrels—Common.		W.W.	
	s.	d.	s.	d.
Saturday	23	7½	29	0
Monday	23	7½	29	0
Tuesday	23	7½	29	0
Wednesday	23	7½	28	6
Thursday	23	7½	28	6
Friday	23	7½	28	6

SAVANNAH, Feb. 5.—Rosin offerings were light and changes in quotations were generally moderate. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B		$8.90	$8.90	$8.80	$8.80	$8.80
D		9.10	9.10	9.00	9.00	9.00
E		9.15	9.15	9.25	9.30	9.30
F		9.50	9.50	9.50	9.55	9.55
G		9.60	9.60	9.70	9.72½	9.72½
H		9.65	9.65	9.70	9.72½	9.72½
I		9.70	9.70	9.70	9.72½	9.72½
K		9.70	9.70	9.70	9.72½	9.72½
M		9.75	9.75	9.70	9.72½	9.72½
N		9.80	9.80	9.70	9.72½	9.72½
WG		10.60	10.60	10.00	10.00	10.00
WW		12.50	12.50	11.80	11.80	11.80
X		12.50	12.50	11.80	11.80	11.80
	Barrels—					
Sales			289		149	323
Receipts			573	1,009	437	1,105
Shipments			5,246	4,411	861	566
Stocks			75,321	71,919	71,495	72,034

* Market closed.

JACKSONVILLE, Feb. 5.—The rosin market was quiet. Receipts were lighter. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— *Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B		$8.75	$8.80	$8.80	$8.80	$8.80
D		9.00	9.00	9.00	9.00	9.00
E		9.10	9.20	9.25	9.30	9.30
F		9.40	9.40	9.50	9.55	9.50
G		9.40	9.50	9.70	9.72½	9.65
H		9.40	9.55	9.70	9.72½	9.65
I		9.55	9.55	9.70	9.72½	9.65
K		9.70	9.65	9.70	9.72½	9.70
M		9.75	9.65	9.70	9.72½	9.70
N		9.75	9.70	9.70	9.72½	9.75
WG		10.25	10.00	10.00	10.00	10.00
WW		12.00	11.80	11.80	11.80	11.80
X		12.00	11.80	11.80	11.80	11.80
	Barrels—					
Sales		685	956	902	610	554
Receipts		889	422	261	413	390
Shipments		2,061	130	20	1,297	220
Stocks		61,677	61,969	62,210	61,326	61,496

* Market closed.

PENSACOLA, Jan. 30.—The rosin market had a steady tone. Following is a record of the market for the week:—

	Barrels— Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	78	53	44	21	18	95
Shipments	...	170	420	425	...	1,236
Stocks	27,124	27,007	26,631	26,227	26,245	25,104

Pine Oil.—The market remained in a steady position and selling schedules were maintained at previous levels There was a fair demand, though consumers were not inclined to anticipate.

Pitch.—Spot quotations were generally maintained at previous levels and the tone of the market appeared to be firm. Business was along conservative lines.

Rosin Oil.—Recent developments in Southern markets for basic material were not reflected here, local prices being held at former levels. There were reports of a fairly active demand.

Pitch.—The market retained a firm tone and selling schedules were without quotable change. Business was fairly active.

Shellac

Reports in general indicated that for the most part the local shellac market was a rather quiet affair locally. Business was not very brisk at any time and sellers indicated that buyers appeared to have covered the requirements in satisfactory fashion, and hence, were not disposed to trade pending further developments at the source. The Calcutta and London market fluctuated within comparatively narrow limits, but the feeling here was that the foreign sources of supply continued to be basically firm.

Calcutta, Feb. 5.—Prices quoted on pure T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound— Feb. 5.	Jan. 29.
February	12 1/16c.	12¼c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices were as follows:—

	Per pound.
January 29	12¼c.
January 30	12¼c.
February 1	12¼c.
February 2	12¼c.
February 3	11¾c.
February 4	12¼c.
February 5	12¼c.

London, Feb. 5.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	February 5— Shillings. Cwt.	Cents. lb.	January 29— Shillings. Cwt.	Cents. lb.
March	51½	11.2	52½	11.4
May	52½	11.4	53½	11.6

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight— March.	May.
January 29	52s. 6d.	53s. 6d.
January 30	52s. 6d.	53s. 6d.
February 1	52s.	53s.
February 2	51s. 6d.	52s. 6d.
February 3	52s.	53s.
February 4	52s.	53s.
February 5	51s. 6d.	52s. 6d.

Lacquer Materials

Demand in the market for lacquer materials continued fairly active during the week just closed. Consumers in all directions were covering for nearby production wants. Butyl alcohol continued as the strong feature, sellers reporting demand was heavy. Butyl acetate was steady. There was a decidely strong tone in tricresyl phosphate, sellers reporting that the strength in the price tone could be attributed to the presence of a similar tone in the basic material. Acetone prices were firm. Reports from the automobile industry were that negotiations were being held regarding a settlement of the labor disturbance, and up until a late hour last week progress toward that end was reported to have been made, but no definite statements were forthcoming.

Acetone.—Demand here was fairly good throughout the week just closed. Prices remained firm.

Butyl Acetate.—There was a good inquiry noted for this material. No change was disclosed in prices.

Butyl Alcohol.—A strong tone prevailed in this direction again last week, demand was excellent.

Dibutyl Phthalate.—This market was quiet again last week. Sellers were holding prices firm.

Ethyl Acetate.—There was little change in this market from a demand standpoint, with the possible exception that buying was slightly improved. Prices were unaltered.

Tricresyl Phosphate.—A good buying movement was shown in this direction, and prices were unchanged.

Driers

The movement of stearate driers into consumption continued light but the sellers indicated that the current dullness was just about leveling off the extra business done in December when the likelihood of higher prices attracted an unusually heavy buying movement. Stearate prices were firm throughout and were unchanged but because of the increases in stearic acid costs since present stearate contracts were written, the stearates will move considerably higher when contracts for the second quarter of the year are offered.

Glues and Binders

Casein.—The market moved in an off direction last week, marking the first downward turn in some time. Quotations for 20-30 mesh domestic material were 19c. per pound and the 80-100 mesh was ½c. per pound over 20-30. Argentine was quoted at 19c. for 20-30 mesh and 80-100 mesh was named at 19½c. per pound. The demands of the market were fair and about equal with the receipts from the country. Shipments of French material to this country in the first nine months of 1936 totaled 34,404 metric quintals, according to the Department of Commerce.

Glues.—Two producing plants—one in Cincinnati and another in New Albany, Ind.—were reported damaged by

(Continued on page 58)

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

A New Principle in Paint Durability

Following an exhaustive study of paint durability in our Research Division a few years ago, one of the investigators wrote into his report:

"The results of the work clearly indicate the need for a pigment to act as a distributor for relieving the stresses and strains between the finish paint and wood, or between the finish paint and the old painted surfaces."

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Oils, Fats and Waxes

Further Decline in Copra and Coconut Oil—Babassu Off—Linseed Lower—Cottonseed Oil Futures Drop, Then Rally—Whale Oil Sharply Higher—Tallow Down Again

Quotations on miscellaneous oils, fats and greases again had a downward trend last week, further reductions in prices being recorded in all branches of the market with the exception of fish products, which in some cases still had an upward trend. The market in general, however, had an easier tone as cottonseed oil and lard futures dropped sharply, both markets being influenced by a very heavy addition to existing abnormally large supplies of lard. In such circumstances business was rather slow, consumers in many instances being inclined to purchase merely for current needs.

Coconut oil was still an interesting feature of the list of vegetable products. Quotations on both crude and refined prices abroad was attributed to a strengthening of Chinese currency rather than to any increase in demand for oil from importers in this and other countries. Offerings were generally reported as light. Business in domestic markets continued rather quiet although buying interest was stimulated to some extent by the action of Hankow. Such transactions as were reported, however, were limited to unimportant quantities, a downward trend in some other commodities making consumers disposed to adhere to a very conservative policy in making purchases. According to official statistics, consumption in the United States during the quarter ended with December last was 27,650,579 pounds; factory and warehouse stocks at the close of December, 28,872,045 pounds.

Coconut. — An easy tone continued to prevail in domestic markets last week as copra still displayed weakness abroad. Quotations on crude oil here were reduced to 8¾c. per pound for tankcars, spot; 8½c. for March shipment and 8¼c. for April forward. Edible oil was reduced to 14¼c. per pound in tankcars. The inquiry continued slow, consumers still being inclined to hold off owing to weakness in other commodities. Copra on the Coast was ½c. per pound lower but quotations appeared to be mainly nominal. Production of crude oil during the quarter ended with December was 53,141,360 pounds; consumption 143,564,585 pounds; factory and warehouse stocks at close of December 59,551,067 pounds. Refined oil production 73,900,206 pounds; consumption 80,676,424 pounds; factory and warehouse stocks 15,457,567 pounds.

Corn. — The market for crude was quiet owing to weakness in some other commodities and there were reports of offerings at concessions at ¼c. per pound. The figures, however, appeared to be largely nominal. Production of crude oil during the quarter ended with December was 28,582,770 pounds; consumption 37,131,056 pounds; factory and warehouse stocks at close of December 11,635,556 pounds; refined production 32,936,906 pounds; consumption 13,468,069 pounds; stocks 12,875,656 pounds.

Cottonseed. — Edible oil was maintained at previous prices by refiners, the tone of the market being steady. There was a fairly active demand. Foreign semi-refined oil was quiet and reports were current of offerings at concessions of ¼c. per pound.

Olive. — A firm tone continued to prevail. Supplies are light and quotations were generally maintained at previous levels with the figures largely nominal. Consumption of inedible oil during the quarter ended with December was 2,483,371 pounds; foots 6,922,917 pounds. Factory and warehouse stocks at the close of December, inedible 2,483,364 pounds; foots 7,023,651 pounds.

Palm. — Niger oil was scarce on spot and for shipment and quotations were ⅛c. to ¼c. per pound higher. On the other hand, softs for shipment in bulk were quoted at concessions of ¾c. per pound. Palmkernel oil for bulk shipment was quoted at 7.70c. per pound, a decline of about ¾c. Consumption of palm oil during the quarter ended with December was 77,914,136 pounds; factory and warehouse stocks at close of December 92,030,197 pounds. Consumption of crude palmkernel oil 13,738,681 pounds; stocks 12,530,802 pounds. Production of refined palmkernel oil 3,906,547 pounds; consumption 4,746,683 pounds; factory and warehouse stocks 1,720,917 pounds.

Peanut. — An easier tone was reported in parts of the South owing to the weaker cottonseed oil situation. Offerings continued to be reported as light, however, and quotations appeared to be largely nominal. Production of virgin and crude oil during the December quarter was 34,904,587 pounds; consumption 31,749,239 pounds; factory and warehouse stocks 12,103,948 pounds. Refined production 31,497,133 pounds; consumption 22,029,129 pounds; factory and warehouse stocks 16,084,750 pounds.

Perilla. — Demand was quiet but offerings were light and the market retained a steady tone. Consumption during the December quarter was 21,016,739 pounds; factory and warehouse stocks 19,752,392 pounds.

Soybean. — The market retained a steady tone. Crude production during the quarter ended with December was 60,044,691 pounds; consumption 54,223,945 pounds; factory and warehouse stocks at close of December 20,303,343 pounds; refined 32,936,906 pounds; consumption 55,162,829 pounds; factory and warehouse stocks at close of December 12,301,564 pounds. According to an official report there were 36 mills in the United States which crushed soybeans during the quarter ended December 31, 1936, reporting a crush of 203,030 tons of soybeans and a production of 60,044,691 pounds of oil. These figures compare with 40 active mills crushing 156,268 tons of beans and producing 43,712,220 pounds of oil during the same quarter in 1935. Stocks (not including those held by one company) of beans held by crushers on December 31, 1936, were 203,448 tons as compared with 311,469 tons in 1935. Oil held by producers on December 31, 1936 was 9,523,614 pounds as compared with 12,654,282 pounds on the same date in 1935.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Ceresin wax, domestic, ½c. per lb.
Chinawood oil, ½c. to ¾c. per lb.
Menhaden oil, refined, 4-10c. per lb.
Palm oil, Niger, ¼c. to ¼c. per lb.
Sardine oil, refined, 4-10c. per lb.
Whale oil, refined, 1 4-10c. per lb.

Reduced

Babassu oil, ¼c. per lb.
Coconut oil, ½c. to ¾c. per lb.
Copra, ½c. per lb.
Corn oil, crude, ¼c. per lb.
Cottonseed oil, crude, ⅛c. per lb.
Cottonseed oil, imported, ⅛c. to ¼c. per lb
Grease, ¼c. per lb.
Lard, 50c. to 60c. per 100 lbs.
Lard compound, 25c. per 100 lbs.
Linseed oil, 2-10c. per lb.
Oleo oil, 50c. per 100 lbs.
Palm oil, softs, shipment, ¾c. per lb.
Palmkernel oil, shipment, ½c. per lb.
Stearin, ½c. per lb.
Tallow, ⅜c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
155.8	**158.6**	**156.2**	**126.4**

Market news that may have developed after this report was sent to press will be found on page 4.

were reduced further but the decline failed to stimulate buying interest as consumers were disposed to hold off for further developments, especially as other commodities had a downward trend. Babassu oil was again reduced but producers were not in a position to offer for prompt or nearby delivery. A further rather sharp decline occurred in palmkernel oil for shipment in bulk. Niger palm oil was firm owing to scarcity abroad and here. Chinawood oil was stronger, influenced by an advance at Hankow.

Among the animal products, tallow again weakened, sales being reported at a further decline. That commodity was also easier in the West. Greases were shaded in company with tallow. Cash lard had a downward trend at times, the market being influenced by weakness in futures in Chicago, where speculative sentiment appeared to be more bearish as a result of a further large increase in supplies. Animal oils were generally steady but quotations on oleo oil were reduced. Whale oil was sharply higher and menhaden and sardine oils were also advanced by local refiners.

Vegetable Oils

Babassu.—For May forward shipment 11¼c. per pound was quoted in tankcars, compared with 11½c. in the previous week. The inquiry was good and production continued to move steadily into consuming channels. According to official statistics, consumption during the quarter ended December, 1936, was 4,793,052 pounds; factory and warehouse stocks at the close of the period 1,912,625 pounds.

Chinawood.—With the trend of Hankow upward, the markets here and on the Pacific Coast had a firmer tone, prices showing an advance at one time of ½c. to ¾c. per pound as compared with the closing quotation of the previous week. The upward course of

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Markets at Other Centers

San Francisco, Feb. 2.—An easing vegetable oil market last week kept the trade from participating to any extent and business was in general rather light. Interest was apparent, however, and as the market dropped sales were made in a light routine fashion. The end of the maritime strike was immediately in sight here today, presenting a tangle of shipping and schedule problems almost as severe as the actual strike himself.

Ruling prices are:—

BABASSU.—Strictly nominal, in the absence of offerings. Quoted at 10½c. per pound in tankcars, f.o.b. mill, Pacific Coast, February-March-April shipment.

COCONUT.—Easier. Spot oil remained scarce, if available at all. Quoted today at 7¾c. per pound for April forward shipment from the Pacific Coast, although indications in the market point to a 7½c.

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New York Sales Office • 15 Moore St., • New York City
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price against bids. Oil moved earlier in the week at 8⅝c., it was reported.

COPRA.—Conditions showed further easing in the copra market last week, when the level broke through 5 cents yesterday in reported transactions on the Pacific Coast. The market, however, is not especially active, hand-to-mouth buying here being the rule and shipment positions have been mostly specified rather far ahead. The great accumulation of stocks of copra in ships anchored in the Bay here as a result of the strike may be released for processing within another few days as definite signs of the end of the maritime strike are at hand today. Quoted:—4.95c. to 5c. per pound, c.i.f., Pacific Coast ports.

CHINAWOOD.—Easier. Spot or February oil was quoted here today at 13¾c. per pound in tankcars, f.o.b. San Francisco. March forward, into July, quoted, subject to shipment from the Orient, at 13½c. per pound.

COTTONSEED. — Weaker. Semi-refined foreign oil is quoted as follows:—Brazilian, 10.55c. per pound, duty paid in tankcars, f.o.b. Pacific Coast; Japanese, 10¾c. per pound, February-April shipment from the Orient, subject to steamer space being available.

PERILLA.—Oil for forward shipment from Japan is quoted on the basis of 10½c. per pound in tankcars, f.o.b. Pacific Coast, subject to steamer space being available. Spot oil is quoted here today at the same price.

TEASEED.—Quoted at 10c. per pound in drums, c.i.f. Pacific Coast for April shipment from the Orient, subject to steamer space being available. Demand from the Atlantic Coast has been noted.

SESAME.—Nominal. Crude oil is quoted at 10½c. per pound, in tankcars, f.o.b. Pacific Coast.

Chicago, Feb. 5.—Slight and somewhat irregular reactions have developed in some sections of the general vegetable oil market here in the last few days. Uncertainties growing out of the competitive and the demand situations, the strike and flood situations, and reports growing out of these, have made the market tone a little jumpy, and many buyers have felt it wiser to refrain from taking anything like a substantial buying position. Offerings of coconut oil and some other material have continued on about the same scale. For the most part, prices are still ruling not far from recent best levels reached.

COCONUT.—Crude oil, 9c. to 9⅛c. per pound, prompt shipment; 8⅝c. to 8¾c., deferred, Coast basis. Refined, edible oil, 14¼c. to 14½c. per pound, drums, car lots; and 14¾c. to 15c., drums, less than car lots.

CORN.—Crude, low acid, 10½c. per pound, tanks, mills, partly nominal. Refined, edible oil, 13¼c. to 13½c. per pound, drums, car lots; and 13¾c. to 14c., barrels, less than car lots.

CHINAWOOD.—Ruling spot, drums, 15½c. to 15¾c. per pound; futures, 13½c. to 13¾c.

GLYCERINE

We want to buy Saponification and Distillate Glycerine in large quantities. Interested in domestic product as well as European or South American import.

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SOYBEAN.—Crude, deferred shipment, 9⅞c. to 10c. per pound, mills.

PEANUT.—Crude, 10⅜c. to 10½c. per pound.

Chicago, Feb. 5.—Range for soybeans for the week ended Feb. 3, 1937, No. 2, yellow, spot:—High, $1.62; low, $1.59¾.

Linseed Oil

Domestic and foreign markets for flaxseed were irregular last week, changes in quotations being moderate. Linseed oil lower. Cake and meal nominal.

Flaxseed—DULUTH, Feb. 5.—A steady tone has prevailed in the Duluth flax market in recent sessions, with little actual trading accomplished. Neither buyers nor sellers have found much incentive to throw off the apathy which has prevailed in the market for the last several weeks. Argentine markets hold mostly steady at a time when large quantities of the new crop are being harvested. With domestic supplies moving to terminals still negligible, domestic cash business here continued quiet.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.25	$2.15	$2.15
Monday	2.25	2.15½	2.15½
Tuesday	2.25½	2.15½	2.15½
Wednesday	2.26½	2.16½	2.16½
Thursday	2.27½	2.17½	2.17½
Friday	2.27½	2.17½	2.17½

Crop movement in bushels follows:—

	Receipts 1937.	Receipts 1936.	Shipments 1937.	Shipments 1936.
This week..	73	6,519	....	....
Since Aug. 1...	1,332,600	3,543,105	911,488	2,405,176

MINNEAPOLIS, Feb. 5.—The in-movement of Argentine flax ceased temporarily and receipts locally were largely from domestic sources. Demand for the daily offers was indifferent throughout the week, partly on account of the poor quality. Most of the flax came from Minnesota territory. Virtually none came from North Dakota. A few cars keep straggling in from South Dakota and Montana, but most of the seed produced in these states last year was of poor quality. Crushers took care of the daily arrivals promptly but were not real competitors at any time. Only two buyers showed real interest.

Despite the liberal arrivals of Argentine seed recently local public elevator stocks show a decrease of 5,000 bushels in four days. Of course, most of the Argentine seed went to private storage. Consumption of seed continues at a fair pace as crushers are operating about 75 percent of their capacity currently. They are expecting more Argentine flax in shortly and no doubt will continue to operate at their present rate.

Movement of flax in the country is very light. A few of the farmers are cleaning up their poor stuff and each advance in prices tends to stimulate scattered selling by producers. According to line elevator managers there is virtually no seed back on farms except some old crop quality that a few of the thrifty farmers have been holding off the market, chiefly for seed. Interior elevator stocks continue very light. Shippers keep the poor quality moving to terminals and save what good quality they buy for seed stock. The government supply is light and inadequate.

The week's closing price range was as follows:—

	Cash.	May.	July.
Saturday	$2.27	$2.18	$2.15
Monday	2.25	2.16	2.13½
Tuesday	2.25	2.16	2.16
Wednesday	2.29	2.19	2.18
Thursday	2.27	2.18	2.16
Friday	2.29	2.20	2.17

Crop movement in bushels as follows:—

	Receipts 1937.	Receipts 1936.	Shipments 1937.	Shipments 1936.
This week..	15,980	44,000	1,420	57,410
Since Sept. 1...	2,038,640	7,009,340	314,350	936,100

WINNIPEG, Feb. 5.—Demand for cash flaxseed was light and trading in futures continued quiet. The week's closing range was as follows:—

	Cash.	May.	July.
Saturday	$1.69	$1.70	$1.68⅞
Monday	1.69½	1.69⅞	1.70½
Tuesday	1.69½	1.70½	1.69¾
Wednesday	1.70⅞	1.71⅞	1.72
Thursday	1.67	1.68	1.68¼
Friday	1.69¼	1.70¼	1.70

BUENOS AIRES, Feb. 5.—Opening prices per bushel on March contracts were:—

	Last week.	Last year.
Saturday	$1.16	$1.20⅝
Monday	1.16¼	1.21⅜
Tuesday	1.15½	1.21⅜
Wednesday	1.15½	1.21⅜
Thursday	1.17⅛	1.21⅜
Friday	1.16⅜	1.21⅝

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	705,000	1,327,000	252,000
United Kingdom	8,000	.....	94,000
Continent	394,000	354,000	783,000
Orders	807,000	539,000	831,000
Others	.....	31,000	8,000
Totals	1,914,000	2,251,000	1,968,000

Since January 1

To—	Bushels This year.	Last year.
United States	4,417,000	1,768,000
United Kingdom	153,000	197,000
Continent	2,134,000	3,637,000
Orders	3,236,000	3,098,000
Others	78,000	63,000
Totals	10,018,000	8,763,000

Visible Supply

	Bushels.
Last week	6,496,000
Previous week	6,693,000
Last year	3,346,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom	80,000	56,000	136,000
Continent	8,000	4,000	52,000
Others	.....	.....	20,000
Totals	88,000	60,000	208,000

Since April 1—	Bushels This year.	Last year.
United Kingdom	8,520,000	3,336,000
Continent	980,000	708,000
Others	660,000	868,000
Totals	10,080,000	4,912,000

HULL, Feb. 5.—Quotations on flaxseed were:—

	Per ton La Plata.	Bombay.
Saturday	£11½	£14⅝
Monday	11⅝	14⅝
Tuesday	11⅝	14⅝
Wednesday	11⅝	14⅝
Thursday	11⅝	14⅝
Friday	11⅝	14⅝

Linseed Oil.—The market was easier, the tone being influenced by weakness in other commodities and by a lack of demand of consequence. Prices were reduced two points by crushers, quotations at the close of the week ranging from 9.3c. to 9.5c. per pound for oil in tankcars, according to seller. It was intimated that the outside figure could be shaded, but sellers were not inclined to push matters, as the tone of the meal markets here and at other points appeared to be easy.

There were fair withdrawals here on contracts previously placed, but the movement into consuming channels in some sections of the country showed a falling off, owing to the floods, which have curtailed consumption for the time being, and also because of the suspension of transportation. Stocks here remained very light, but at some other centers an accumulation of supplies was reported, though the additions were apparently not of much importance.

Demand for cash seed in northwestern centers held up well and premiums over futures were maintained. Despite liberal arrivals of Argentina seed, stocks in warehouses have latterly shown a decrease. The movement of domestic seed to terminal points continued light and the quality of the seed marketed was said to be poor, as farmers were holding the better grades for planting.

Shipments from Argentina last week were again liberal and there was a decrease in port stocks. Exports to the United States were 705,000 bushels, making a total since January 1 of 4,417,000 bushels, against 1,768,000 bushels in the same time last year. Receipts at New York last week were 136,000 bushels. This total included 100,000 bushels from Vera Cruz, and represented the cargo of the steamer which was seized some time ago by the Spanish Government while carrying flaxseed from Argentina to this country.

MINNEAPOLIS, Feb. 5.—Oil trade during the week was light and featureless, only small lots and a few cooperage car lots moving to the consuming trade. Large buyers are looking ahead to a settlement of the Pacific coast maritime strike and expect lower freight rates on Argentine seed as soon as a settlement has been announced and ocean tonnage is released. For this reason they are inclined to hold back for better prices.

On the other hand, the crushers are inclined to expect strength because of the fact that linseed oil is about the cheapest on the market and soap makers now are using it quite freely. This use of linseed oil by soap manufacturers is interesting because it has been a long time since such demand has been a factor in markets. Shipping instructions are slack on account of the flood. Crushers are operating about 75 percent of their capacity at the moment and probably will continue to do so. Stocks in tanks increased some during the week on account of the limited shipping instructions.

Quotations on carload lots f.o.b. Minneapolis, February-April shipments, cooperage 10.5c. per pound, tankcars 9.9c. per pound, warehouse, 10.9c. per pound.

Shipments of oil in pounds were as follows:—

	1937.	1936.
This week	1,419,027	1,801,101
Since Sept. 1	25,104,106	45,079,454

SAN FRANCISCO, Feb. 2.—A two-point drop in the linseed oil price structure here was evidently not much of an inducement to the consuming trade to participate actively in the market last week, conditions remaining slow throughout. Contract deliveries were also slow, or at least somewhat below routine, but the matter of the ending of the maritime strike, which is momentarily expected, will probably propel conditions forward, it was seen here last week. Quoted: Tankcars, 10c. per pound; drum car lots ex mill, 10.6c. per pound; drum lots ex warehouse, 11c.

CHICAGO, Feb. 5.—An easier tone and slightly lower prices have developed in the linseed oil market, with buyers now apparently quite hesitant to place orders for anything like very large quantities of material. Small lot business continues to prevail. An adequate amount of material seems to be available. The buyers are mostly after prompt shipment. Ruling prices of representative sellers are:—Tankcar, 9.7c. per pound; car lots, 10.3c.; warehouse deliveries, five drums, 10.7c.

LONDON, Feb. 5.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	26	7½
Monday	26	9
Tuesday	26	10½
Wednesday	26	9
Thursday	27	0
Friday	27	0

Cake and Meal.—Quieter conditions prevailed in the local market and advices from other points also reported a lack of any activity of consequence. Local quotations were unchanged, as supplies are light. The undertone of the market, however, was regarded by some as easier.

MINNEAPOLIS, Feb. 5.—Meal tone is slow and easy. Buyers are indifferent and resellers are expressing for outlet because they want shipping instructions on their maturing contracts. Very cold weather failed to have as much effect on demand as expected and because of floods through central states territory shipping instructions were smaller in volume.

Crushers now have some meal to dispose of but they are not pressing their offers because they expect improvement in demand and shipping instructions as soon as the flood clears up. Interior distributors of the Northwest are not inclined to load up with stocks at this time of the year. Shipping instructions from nearby territory are slow.

Quotations on carload lots, f.o.b. Minneapolis, 34 percent protein in 100-pound sacks, $46 to $46.50 per ton.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	1,523,200	4,040,155
Since Sept. 1	47,812,766	88,731,476

CHICAGO, Feb. 5.—Despite the fact bad weather in much of the North has kept feeders rather interested in linseed meal, the tone of the market is dull, and it seems a shade easier than some weeks ago. Prices as yet do not appear to be greatly affected. Offerings are in fairly large quantities. Resellers have some material. Crushers are expected to be somewhat more active. Round lot business remains dull. Ruling prices are:—Round lots, $50 per ton, largely nominal; car lots, $50 to $50.50;

Cottonseed Oil

Refined cottonseed oil futures were active and irregular. Southern markets for cottonseed products were quiet and price movements were narrow.

Cottonseed Oil.—The market for refined cottonseed oil futures last week was active and at times excited. Trading was on an unprecedented scale. Transactions on Tuesday amounted to 609 contracts, the largest volume recorded on any one day in the history

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of the market. Prices were irregular, fluctuations being frequent and at times sharp. Early in the week the trend was downward under heavy general selling due to an unexpectedly bearish statement of lard stocks in Chicago. This report was issued late on Monday and led to heavy liquidation and bearish pressure during the remainder of the session on that day.

The selling was resumed on Tuesday when many stop loss orders were uncovered. Their execution hastened the downward movement. May dropped to 10.93c. after which there was a recovery of about 35 points. On the upturn liquidation was renewed for account of commission houses under which prices again weakened. There was also selling of a hedging character attributed to refiners. Western interests were credited with sales against purchases of lard and foreign houses were regarded as sellers against purchases of lint cotton.

Late in the week sentiment was decidedly mixed as a result of the sharp fluctuations but there was opinion in some quarters that the situation had been made much healthier owing to a decided reduction in the long account, especially among outside public traders.

Crude oil was easier though in the opinion of some Southern markets held up well in the face of developments here. There were reports of scattered sales of crude, however, at 9⅞c. in Texas but developments in the crude situation were not regarded as particularly significant as much of the production for the current season was said to have been sold ahead some time ago.

Copra and coconut oil again weakened, crude oil here being reduced to 8¾c. per pound for spot and nearby and to 8¼c. to 8½c. for future delivery. A further sharp decline occurred in palmkernel oil for shipment in bulk, and quotations on babassu, corn, peanut and foreign semi-refined cottonseed oil were shaded.

Sales of tallow were reported at 8¾c. per pound for extra, showing a decline of ¾c. from the recent high. On the other hand whale oil was sharply higher and correspondence from abroad stated that at a meeting of whaling companies held in Norway late in January a pool was formed for the sale of the current season's production.

Stocks of lard in Chicago increased to 19,186,123 pounds during January against an increase of 11,181,531 pounds in the same month last year. Supplies there February 1 were 99,715,814 pounds against 80,529,691 pounds a month ago and 29,260,935 pounds last year. Receipts of live hogs in the principal Western markets for five days of the week aggregated 236,100 head against 231,600 head in the same time last year. The weight of the hogs received in Chicago during the week ended January 30 was 234 pounds, the same as in the previous week. Exports of lard from Atlantic and Gulf ports from November 1 to January 30 were 31,570,540 pounds against 25,327,879 pounds in the same time last year.

There was switching from March cottonseed oil contracts last week to May at 1 to 4 points difference and to September on even terms to 2 points difference.

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New York Produce Exchange from January 30 to February 5, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales, Tanks.
February	...	...	11.15 nom.	...
March	11.35	11.01	11.16 sale	181
April	...	...	11.15 nom.	...
May	11.35	10.93	11.15@11.17	597
June	...	...	11.20 nom.	...
July	11.40	11.02	11.20 sale	601
August	...	...	11.15 nom.	...
September	11.36	10.92	11.16 sale	341
Total sales (34 switches)				1,754

Crude, Southeast, 9.87½@10.00c.
Valley, 9.87½@10.00c.
Texas, 9.87½c.

Chicago, Feb. 5.—The trade has been watching the course of the cottonseed oil market here lately rather closely. The trend in tone seems to have been slightly in the direction of easiness, although values are no great amount lower than they were a few weeks ago. Good, off-Summer, yellow fig oil is ruling at 11⅝c. per pound. Refined, edible oil is quoted at 13¼c. per pound, barrels, car lots; and 13¾c., barrels, less than car lots.

Hull, Feb. 5.—Quotations on cottonseed oil were:—

	Refined. Per cwt.		Egyptian crude. Per cwt.	
	s.	d.	s.	d.
Saturday	33	6	30	0
Monday	33	0	30	0
Tuesday	32	6	29	6
Wednesday	32	0	29	0
Thursday	32	0	29	0
Friday	32	0	29	0

Cake and Meal.—A steady tone prevailed in Southern markets, developments in the local oil situation apparently having little effect upon spot meal quotations in primary centers where offerings continued to be reported as light. A fairly active movement was reported.

Markets at Other Centers

Atlanta, Feb. 2.—Oil continues to be the weak spot in cottonseed products, and is down to 10c. per pound for prime crude. Other items are steady. Persistent rains have held back land preparation in the Southeast. A campaign among farmers to hold production down to an allotment per county on a pro rata of 13,000,000 bales total crop, is now in progress by Federal and State agencies.

Quotations of this market are as follows:—

OIL.—Prime crude, 10c. to 10⅛c. per pound.

MEAL.—7 percent, $34 per ton, interior mill points.

HULLS.—Loose, $14.50 per ton.

SEED.—$45 per ton, shipping points.

Memphis, Feb. 5.—Crude cottonseed oil was dull during the week. A nominal quotation today is 10c., Valley basis. Buyers and sellers are indifferent. Meal in fair demand and steady. For 41 percent $34.50 per ton quoted, Memphis basis. Slab cake, 41 percent, $31.50 per ton, Mississippi mill points. Transportation very slow, as the railroads furnished equipment for aiding flood sufferers. The river situation here is still critical. Stage at Memphis today is 48 feet. This is three feet above any previous stage. Barring further rainfall, the crest is expected about February 10. High water is expected to continue for some weeks to come.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	January 28.	February 4.
March	$33.35@33.65	$33.00@33.25
May	32.60@33.00	32.50@——
July	32.00@32.50	32.00@32.35
September	31.00@31.50	29.50@30.00

Animal Oils

Degras.—With supplies light or moderate, the market retained a steady tone despite a downward trend in some other commodities. There was a fair demand from local and other consumers.

Lard.—Quotations were stationary and the tone of the market appeared to be steady. Business lacked snap but there was a fair demand for moderate quantities to fill the current needs of consumers.

Neetsfoot.—The market retained a steady tone and previous selling schedules remained in effect. Demand was fair though consumers did not show much disposition to anticipate.

Oleo.—Demand was quieter and the market had an easier tone, quotations being reduced 50c. per 100 pounds. Purchasing was generally limited to moderate quantities.

Markets at Other Centers

Chicago, Feb. 5.—Despite some little irregularity of tone in the basic materials, some of the animal oils have been able to hold strong, or even to pick up slight fractions of a cent a pound in the dealings here lately. Interest of buyers is continuing along rather keen lines, despite stoppages of normal trade relations and conditions in certain areas due to flood and strike conditions. Inquiry is fairly active.

LARD.—No. 1, 11⅞c. to 12c. per pound; No. 2, 11⅝c. to 11¾c.

OLEO.—No. 2, 12¾c. to 13c. per pound.

TALLOW.—Acidless, 10⅞c. to 11c. per pound, tanks; 12⅛c. to 12¼c., drums, less than car lots.

Fish Oils

Menhaden. — The recent advance in crude was reflected in a firmer market here for refined oil, selling schedules being raised 4-10c. per pound by local interests. There was little to record in the way of activity, such transactions as were noted being limited to comparatively small quantities to fill the current needs of consumers. With supplies of crude closely cleaned up, the primary market was quiet and nominal at the recent advance.

Sardine. — Quieter conditions prevailed here. Consumers showed little disposition to purchase in advance of actual requirements and the movement of small or moderate quantities was unimportant in the aggregate. The market was firmer, quotations being advanced 4-10c. per pound owing to the recent rise in crude on the Coast.

Sperm. — There was a fairly active demand and the market was steady at recently prevailing quotations.

Whale. — A much stronger tone developed, quotations being advanced ¼c. per pound by local refiners. There was a fair demand for moderate quantities. Correspondence from London last week stated that representatives of the principal whaling companies held a conference at Sandefjord, Norway, late in January and that the outcome was a decision to organize a sales pool for the present season's whale oil production. According to official statistics importations of whale oil into the United States during the quarter ended with December last were 10,579,328 pounds.

Markets at Other Centers

San Francisco, Feb. 2.—The sardine strike was settled at Monterey last week, both fishermen and reduction plant workers returning to their tasks while the sardine oil market on the most part remained firm. There was only slight evidence of the general fats structure weakening as applied to this market, oil dropping only 2 percent in value as a previous 50-cent gallon price slid to 49 cents, where the sale of a very few tankcars was reported. All concerned in the trade here were of the opinion that 49-cent or 50-cent sardine oil on the basis of competing materials still remained a good buy.

Fishing remained extremely light all up and down the Coast last week. For one thing, a full moon kept progress down, the fleets not venturing forth unless there is a "dark" period, in which period the fish can be found. Moonlight interferes with operations. As applied to the Monterey section, the strike was in progress most of the moon period. Settled on the 27th, the boats ventured out for a few hours of the following night and returned to port with very light catches, a process that was repeated in all fishing centers. At the moment stormy weather is keeping the boats close to shore and there has not been any fishing reported in the last few days.

The sales of oil reported here last week were not definitely traced either to first hands or resellers. It was thought that quite possibly resellers were in the picture as the fishing plants themselves are for the most part strapped for oil. There will be quite a number of vacancies in the delivery schedules of most fish reduction plants on the Coast when the season finally ends, it was forecast, as production, while probably the largest in the history of the industry, will not be up to the anticipated level. There may be at least 500 cars short and that figure may be conservative. Between now and February 15, when the season ends here, the factories are hoping for some very large catches. San Pedro's season will end a month later. That district has had a poor return this season.

Baltimore, Feb. 3.—Trading in menhaden fish oil was again at a standstill during the last week, a state of affairs not at all surprising in view of the fact that the stocks of oil still in the hands of the producers are insignificant and can easily be reserved for special purposes. The fishing companies are under no pressure to dispose of the oil which they still hold, and can very easily carry it over into the next fishing season, which does not start until some time in June. Uneventfulness also prevails with respect to herring oil. Usually little or no effort is made to dispose of the herring oil separately, the method followed being to mix it with menhaden oil and sell the mixture at the best price obtainable. The last price obtained for menhaden oil was 37 cents per gallon, and the producers feel that even this level may be exceeded by the demand from refiners, who have special needs to take care of.

Chicago, Feb. 5.—Fish oils appear to have been able to hold their own in the market here in the last few days. Prices are holding just above where they have been for some little time—namely, at the best levels reached in a long period, and supplies coming in do not apear to be sufficient to disturb this rather firm and strong market price situation. Inquiries are being received fairly frequently.

MENHADEN.—East Coast, 36c. to 37c. per gallon.

SARDINE.—Pacific Coast, 48c. to 50c. per gallon.

SALMON.—Pacific Coast, market largely nominal.

Fats and Greases

Grease—An easier tone developed, the market being influenced by a downward trend in some other commodities and by a lack of demand of importance, buying interest apparently being limited to small or moderate quantities. Quotations were shaded ⅛c. to ¼c. per pound.

Lard.—Cash quotations had a downward trend at times in company with the course of futures in Chicago where speculative sentiment appeared to be more bearish than recently, especially as there was a further large increase in supplies during the past month. There was a fair demand here. Export trade was reported as quiet.

Stearin.—The market was easier, quo-

(Continued on page 57)

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Drugs, Fine Chemicals

Sharp Advance in Glycerin Prices Comes as Floods Cut Production —Japan May Export Methanol — Arecoline Hydrobromide Higher—Narcotic Quotas Set by League of Nations

The price development that overshadowed in severity all other changes in drug and fine chemical quotations last week was a rise in the glycerin schedule put out by the refiners. The advance was so severe as to probably constitute a record for a single change in glycerin values. Arecoline hydrobromide was also up, and mercury ointment, fifty and thirty percent, were higher. So was podophyllin.

Considered as a whole, the market was basically firm throughout the entire period under the influence of an excellent general, as well as seasonal, demand for prompt shipments. Also, the need for chemicals in the flooded areas along the Ohio and Mississippi rivers, for relief work and also for restocking of commercial establishments whose inventories were damaged by the flood waters, was an important factor in the activities of the week. Viewed broadly, prices were well maintained throughout the list.

Production of glycerin was sharply reduced when two large soap plants, one in Jeffersonville, Ind., and the other in Ivorydale, O., were flooded and resumption of operations became highly uncertain; the best estimate was that they would not be back in production short of six to eight weeks. Curtailment of glycerin output came just at the worst time possible. For many weeks, consumption of glycerin had been running far in excess of the home makers to meet, and the setback caused by the flood has made it impossible for the producers to quote other than a strictly nominal market.

Methanol was firm at the recent decline. News from Japan was that production of synthetic methanol in that country would soon yield the Japanese producers an exportable surplus. Quicksilver remained firm notwithstanding the fact that water shipments from the Pacific Coast were due to begin shortly owing to the marine strike having ended. Quinine moved freely in excellent volume. Acetylsalicylic acid, ammonia chloride, formaldehyde, narcotics, bromides, and other articles normally in high demand during the Winter season moved well at firm prices.

Acetanilide.—Very good request prevailed on the spot and the market as a whole was in substantially firm position throughout the past week. The consuming season thus far has been productive of a very satisfactory total volume of sales.

Acid, Acetylsalicylic.—Seasonal demand continued to be excellent and the movement into consumption held at levels comparing favorably with weekly sales during the past several months. Pricewise, the market was very steady.

Acid, Benzoic.—Interest shown in this article was somewhat routine in character but on the whole the call was very good and prices continued to prevail in well stabilized position.

Acid, Citric.—The leading producers and sellers of this acidifier were looking forward to a renewal of normal demand that was expected to come with the advent of Spring. In the meantime, they reported a quiet market that was confined mainly to sales usually jobbing in character.

Acid, Tartaric.—Business continued moderate in volume but conditions were still competitive. Importations of acid in eleven months of 1936 totaled 358,000 pounds, compared with 12,581 pounds in the corresponding period of 1935. In November the importation of 11,300 pounds included 11,200 pounds originating in Germany.

Agar Agar.—The fact that import costs were high and strong accounted for the strength noted in spot quotations on this material. In fact, the lowest of spot prices were almost identical with recent shipment quotations, being in fact under replacement cost, if anything. Offerings from abroad were moderate in size.

Alcohol.—The flood continued to hold a substantial part of the attention of the alcohol trade. Many companies maintained warehouses in the afflicted area, in one instance such warehouses totaling thirty-five in number. Actual loss of alcohol was not expected to run high, but an immense amount of package reconditioning will have to be done and it was understood that in some instances the producers were aiming to hold business men in the area by making the very lowest possible charge for reconditioning their damaged stocks. In the meanwhile, demand from industrial users of alcohol continued to be excellent in volume and a very steady price position was reported.

Aloin.—Recent reports concerning crop prospects in the raw material primary market indicated that the next crop should show a substantial increase over the last. Also, the large surplus of stocks has been well worked down and the carryover is not expected to be large. Aloin continued firm in price and steady as to demand.

Arecoline Hydrobromide. — Prices were advanced in keeping with the general upward tendency of alkaloids. Quotations in 4-ounce bottles were $5.50 per ounce; 1-ounce bottles, $6.50.

Barbital.—Moderate demand prevailed and the market as a whole was reported to be about steady so far as prices were concerned. Stocks were ample to meet all probable needs.

Bismuth Metal and Salts.—The call was normal in volume and came in steady fashion throughout the past week. Competition was confined within narrow limits by reason of the fact that the prices on salts were well in line with the present cost of raw material, which was firmly held by the refiners.

Caffeine.—The call for citrated material, as well as for hydrobromide, continued to be excellent and seasonal. Movement of alkaloids was also very good and prospects for an improvement in the demand were said to be favorable. Pricewise, the market was in well stabilized position.

Calomel.—Excellent sales volume was reported and the market was fully firm at recently prevailing prices. The raw material situation was being studied closely now that there seemed to be a good chance that shipments from the far west would be resumed by water.

Camphor.—A fairly active market was reported, but on the whole the requirements of buyers have not been unduly large in recent weeks, and they were still on the conservative side during the period reviewed. Prices were firm mainly because of replacement costs.

Castor Oil.—Firm undertones and a very good request prevailed last week. Buyers showed a normal interest in the item and all prices reflected the interest by holding very steady in all directions. Production was ample for more than current needs.

CHICAGO, Feb. 4.—Quiet market conditions rule in castor oil. While some buyers have been suggesting price concessions, most sellers are averse and point out the tendency of costs to advance. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11½c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Cocaine.—According to action taken

Price Changes

Prices were changed during the past week as follows:—

Advanced

Arecoline hydrobromide, 20c. per oz.
Glycerin, c. p., 4c. per lb.
dynamite, 4c. per lb.
saponification, 4c. per lb.
soaplye, 27c. per lb.
yellow, distilled, 4c. per lb.
Mercury ointment, 30%, 5c. per lb.
50%, 7c. per lb.
Podophyllin, 25c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
181.6	**181.5**	**180.9**	**187.2**

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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PARA FORMALDEHYDE
HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid
Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Creosote
Guaiacol
Creosote Carbonate
Guaiacol Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda
Benzyl Chloride
Benzoic Acid
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by the narcotic control division of the League of Nations, Geneva, Switzerland, world production of this article has been established at 10,947 pounds for 1937. Of this quantity, the United States will be permitted to manufacture 1,760 pounds.

Codliver Oil.—Steady consumption in quantities about the same as the movement weekly for some time past was reported last week and the result was a market of firm prices and moderate competition. November oil export statistics from Norway showed large figures, caused mainly by shipments to the United States. The export of medicinal oil totaled 338,130 gallons (249,720 gallons in November, 1935); of pale oil, 159,090 gallons (107,970 gallons in 1935). New orders from America for poultry oils are being only occasionally accepted as exporters meet difficulties in obtaining oil that satisfies the requirements of the United States Pharmacopoeia.

Cream of Tartar.—The presence of foreign competition in this market was made clear by figures that reported the importation of 190,000 pounds during the first eleven months of 1936, comparing with 12 pounds in the corresponding period in 1935. This was a clear accounting for the very low prices now obtained by the domestic manufacturers.

Formaldehyde.—Shipments into the flood area have been substantial, but it was pleasing to know that ample supplies were available for the mopping up that must be done as an aftermath of the widespread inundation. Prices continued firm.

Glycerin.—Total elimination of soap production in two of the largest plants in the country, both located in the flood area in the Ohio River Valley, caused a sharp pinch in deliveries by the glycerin refiners. As things stand now, if the plants resume operation within two months something close to a miracle will have been worked. This lack of glycerin production was dramatized last week by one of the sharpest advances

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in prices the market has ever known. Chemically pure and dynamite glycerin were advanced to 29c. per pound in car lots. Less than car lot prices were ½c. higher than that. Saponification was limited production could not be diverted from filling, if only in part, their at least 27c. All these prices were strictly nominal. Not a pound could be obtained from the producers as their limited production could not be diverted from filling only in part their contract requirements. The foreign crude market had been substantially higher than the nominal domestic market and with production of crude cut in this country, refiners will have to pay advancing prices to foreign suppliers. The resale market on chemically pure material was around 38c. per pound with offerings being reported light.

CHICAGO, Feb. 4.—Sharply advancing prices in the glycerin market are of course the sensation of the trade in that product. The volume of orders continues to reach sellers with regularity. The flood in the central west has been felt as something of a market factor recently. Ruling prices of representative sellers are:—C.p., drums, car lots, 29c. per pound; drums, less than car lots, 29½c.; cans, less than car lots, 30c. to 32c., according to quantity; dynamite, car lots, 29c.

Menthol.—The market was still feeling the effects of some unsettling of the situation in the primary market. Demand has been light of late and the fact that a large amount of low cost material was floating to the spot did little to stimulate the immediate interest of buyers. Open quotations lacked change.

Methanol.—The market was firm at the recent reduction and a very good movement into consumption was reported. Production of crude in December totaled 548,982 gallons and the total for the year was 5,575,038 gallons, the latter figure comparing with 5,048,720 gallons in 1935, and 4,121,647 gallons in 1934. Output of synthetic methanol in December was 2,009,952 gallons, being slightly lower than in November. The total for 1936 was 25,563,742 gallons, comparing with 18,046,929 gallons in 1935, and 12,534,424 gallons in 1934. These data were based on returns made by thirty-three makers in 1936 and 1935, and by thirty-six in 1934. Consumption in Japan is increasing and it is estimated that forty percent of the total consumption in Japan is converted into formaldehyde, twenty percent into dyes, fifteen percent into solvents, ten percent into special solvents and the remaining fifteen percent into sundry other chemicals. The synthetic process has been adopted by three local firms. using foreign methods and output has increased from one hundred and fifty-one metric tons in 1924 to 2,092 metric tons in 1934, the last year for which final figures are available. Output in 1935, however, is estimated at 5,000 metric tons, increasing in 1936 to 6,500 metric tons. It is stated that in a few years Japan will have a surplus available for export.

Mercury Ointment.—Prices have been advanced. The 50 percent material in pails was priced at $1.26 to $1.28, according to quantity. The 30 percent in pails was 87c. to 89c., same terms. Production costs governed the upward movement.

Morphine.—The narcotic control division of the League of Nations last week allotted 90,147 pounds of morphine to meet world needs in 1937. Of this quantity, 15,466 pounds were to supply manufacturing requirements in the United States. These figures were wirelessed to the New York Times last week. Federal authorities in Washington were in receipt of advices but made no announcement officially.

Podophyllin.—Prices were higher at $3.25 per pound minimum. Raw material stocks have been endangered by floods in the Ohio River Valley and prices for the same have been raised.

Quicksilver.—The marine strike has ended on the Pacific Coast. Seamen are back at work. Stevedores have picked up their hand trucks and bale hooks. Shipowners are recommissioning their ships. Thus comes to an end a period of ninety-eight days in which not a flask of quicksilver was moved from the west to the east coast by water, though some did come by rail. It now remains to see how much metal has accumulated during the strike. The opinion here last week was that there was not a great deal likely to come on this market as reduced operations in the mines, plus shipments made by rail, have kept accumulation of unsold stocks at a minimum. Mining operations were reduced by the worst Winter California has experienced in many years. So far as spot prices were concerned last week, the resumption of shipments to the East was without effect.

SAN FRANCISCO, Feb. 4.—The marine strike on the Pacific Coast ended February 4 when the strikers, by a large majority, voted to return to work. Shipments of quicksilver to the east will be resumed by water after a period of ninety-eight days in which nothing was forwarded by water, but during which some went east by rail. Accumulation of stocks during the strike period was believed to have been small for two reasons. First, production was reduced by bad weather throughout California; second, some fair sized shipments were sent forward by rail. The local trade last week was quiet last week and little inquiry came from the eastern market.

Quinine. — Excellent demand continued and the market was firm in all its characteristics. Prices were well maintained and signs of an early change were lacking. Domestic producers reported excellent production. A Netherland Indian government decree of November 10, 1936, published as "Staatsblad" No. 596 and understood to have become effective immediately, increased the maximum quantity of cinchona bark which could be exported (under license) from Netherland India during the calendar year 1936 by 71.5 metric tons (expressed as quinine sulphate equivalent). This quota had previously been established as 747 metric tons, making the total now 818.5 tons. No announcement has yet been made concerning the export quota for the calendar year 1937. The official export returns indicate that the increase in the permissible exports has been due to the improvement in the demand for quinine in world markets during recent months. Exports of cinchona bark from Java during the first ten months of 1936 amounted to 6,179,275 kilos, compared with 4,106,506 kilos during the corresponding period of 1935, while shipments of the prepared product, quinine sulphate, amounted to 180,501 kilos, compared with 71,000 kilos during the first ten months of last year.

Saccharin.—Well stabilized prices were the rule and with demand due to be broadened the situation was said to be one favorable for the future. The Federated Malay States Government Gazette announces the reimposition of an import duty of $5 a pound, Straits currency. The duty was abolished last August, as representations had been made to the government that the item was used largely as a treatment for diabetes. The article is included in the non-preferential class of imports and the full duty applies to products from all countries.

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅝	44¾	20¼
Monday	32⅝	44¾	20⅛
Tuesday	32⅝	44¾	20¼
Wednesday	32⅝	44¾	20⅛
Thursday	32⅝	44¾	19 15/16
Friday	..	44¾	20⅛

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

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Benzene
Ethyl acetate
Ethyl alcohol, anhydrous
Ethyl alcohol and ether
Ethyl propionate
Isopropyl alcohol
Methyl acetate

Solvents, General Medium Boiling, For Lacquers

Amyl acetate
Amyl alcohol
Butyl acetate
Butyl alcohol
Diethyl carbonate
Ethyl butyrate
Methylcellosolve
Monochlorobenzene
Orthodichlorobenzene
Pentexel
Tetrahydrofurfuryl alcohol
Toluene

Solvents for Use in Lacquers

Absolute alcohol
Acetaldehyde
Acetaldol
Acetamide
Acetanilide
Acetic acid esters of 2-butyloctanol
Acetin
Acetindiformin
Acetinformin
Acetinmonoformin
Acetochlorhydrin
Acetochlorhydrin diacetate
Acetone
Acetone oils
Acetonyl acetone
Acetyl acetone
Acetyldicyclohexylamine
Acetylene tetrachloride
Acetylglycolic acid ethyl-ester
Acetylmethylanilide
Acetylmethylanilin
Acetylpalmitic esters
Acetylphenylnaphthyl-amine
Acridin
Acyl derivatives of poly-hydroxy alcohols
Adronal
Adronal acetate
Aldehydes
Aliphatic dicarboxylic acid esters of 2-butyl-octanol
Aliphatic monocarboxylic acid esters of 2-butyl-octanol
Aliphatic monocarboxylic acid esters
Aliphatic polycarboxylic acid esters
Alphadichlorhydrin
American turpentine
Amidophenol
Amyl acetate
Amyl acetate mixed isomers
Amyl alcohol
Amyl alcohol mixed isomers
Amyl alphacrotonate
Amyl lactate
Amyl oxalate
Amylidene diethylether
Anhydrous alcohol
Anilides
Anilin
Anisol
Anol
Anone
Avantine
Aromatic dicarboxylic acid esters of 2-butyl-octanol
Aromatic monocarboxylic acid esters
Aromatic polycarboxylic acid esters
Barkite B
B and L thinners
Benzene
Benzhydrol
Benzidin
Benzonaphthol
Benzyl acetate
Benzyl alcohol
Benzyl benzoate
Benzyl chloride
Benzylcellosolve
Benzyldihydrocarvone
Benzylidene acetoacetic ester
Benzylpentaerythritol
Betachloroethyl acetate
Betanaphthyl benzoate
Betanaphthyl phthalate
Betanaphthylamine
Betanaphthylaminedi-hydrocarvone
Bornyl acetate
Butanol
Butyl acetate
Butyl acrylate
Butyl alcohol
Butyl alphacrotonate
Butyl butyrate
Butyl citrate, normal
Butyl ethylcarbonate
Butyl formate
Butyl lactate
Butyl oxalate
Butyl propionate
Butyl tartrate
Butylcarbitol
Butylcarbitol acetate
Butylcellosolve
Butylcellosolve acetate
Butylglycol
Butylpentaerythritol
Calcitone
Carbitol
Carbitol acetate
Carbon tetrachloride
Corboxylic acid esters of 2-butyloctanol
Carboxylic acid esters of 2-ethylbutanol-1
Cellosolve
Cellosolve acetate
Chloral alcoholate
Chloralphenol
Chlorobenzyl alcohol
Chloroform
Chlorohydrin
Coaltar hydrocarbons
Coaltar naphtha
Cresyl acetate
Cresyl ether
Cyclohexane
Cyclohexanol
Cyclohexanol acetate
Cyclohexanone
Cyclohexanyl acetate
Cyclohexene-1-one
Cyclopentanol
Dekalin
Diacetin
Diacetone alcohol
Diatol
Dibutyl oxalate
Dibutyl phthalate
Dibutyl tartrate
Di-2-butyloctyl phthalate
Di-2-butyloctyl succinate
Dichloroacetone
Dichlorobenzene
Dichloroethyl ether
Dichloroethylene
Dichlorhydrin
Dicresylglyceryl ether
Dicyclohexyltoluenesul-phonamide
Diethyl carbonate
Diethyl ketone
Diethyl oxalate
Diethyl phthalate
Diethyl tartrate
Diethylamine
Diethylbarbituric acid
Diethylcarbitol
Diethyl-1:4-dioxane
Diethyldiphenylurea
Diethylglycol monoace-tate
Diethylmalonylurea
Di-2-ethylbutyl phthalate
Di-2-ethylbutyl succinate
Diethylene oxide
Diformin
Dihydroxydiphenyldi-methylmethane
Diglycol diacetate
Di-isobutyl ketone
Dimethyl phthalate
Dimethylcyclohexanone
Dimethylcyclohexanone oxalate
2:4-Dimethyldimethylene dioxide
Dimethyl-1:4-dioxane
Dimethylene dioxide
Dioxan
1:4-Dioxane
Dipentene
Diphenyl ether
Diphenylglyceryl ether
Dipropyl ketone
Dissolvan CA, DN
Epichlorhydrin
Epidiformin
Epiformin
Erythritol
Erythritol acetate
Erythritol benzoate
Erythritol formate
Erythritol maleate
Erythritol nitrate
Erythritol oxalate
Erythritol phthalate
Esters of 2-butyloctanol
Ethanol, anhydrous
Ethyl acetate
Ethyl acetoacetate
Ethyl acetylglycollate
Ethyl acetylsalicylate
Ethyl benzoate
Ethyl butylcarbonate
Ethyl butyrate
Ethyl chloroacetate
Ethyl chlorostearate
Ethyl dicresylphosphate
Ethyl ether
Ethyl formate
Ethyl lactate
Ethyl oxybutyrate
Ethyl propionate
2-Ethylbutyl acetate
Ethylene chloride
Ethylene dichloride
Ethylene oxide
Ethylenechlorhydrin
Ethyleneglycol monoace-tate
Ethyleneglycol mono-ethylether
Ethylglycerolchlorhydrin
Ethylglycol
Ethylglycol acetate
Ethylidene acetobenzoate
Ethylidene diacetate
Ethylideneacetone
Ethylideneglycerol
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Glycerin
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Glyceryl nitrate
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Glyceryl phthalate
Glyceryl salicylate
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Glycol benzoate
Glycol cinnamate
Glycol diacetate
Glycol esters
Glycol ethers
Glycol monoacetate
Heptane
Hercosol 5, 80
Hexalin acetate
Hexalin alcohol
Hexane
Hexyl acetate, secondary
Hexyl (2-ethylbutyl) ace-tate
Hexyl (2-ethylbutyl) alco-hol
Hi-flash naphtha
Hydroterpin
Hydroxybenzyl alcohol

(To be continued)

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Plus 20,000 U.S.P. XI u/g Vitamin A.

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THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

General Dyestuff Corp. Shows Its New Home

(Continued from page 5)

various fibers are dyed directly and in developing processes and finished. Most of the operations are speeded up by means of special equipment. Constant conditions are maintained by means of electric heating throughout and similar modern devices. Shrinkage is tested on delicate apparatus. Fastness is determined by direct sunlight and with the fadeometer which many purchasers have adopted as the basis of their standards.

Similar processing goes on in the leather and paper laboratories, the latter working from the raw pulp to the finished sheet.

The standardizing and research laboratories are particularly interesting. In these the operators employ chemical and simple physical tests, microscopic examinations, pH determinations, ultra-violet-ray fluorescence tests, and many others in their purpose of assuring quality, uniformity, and practical satisfactoriness in the company's materials.

The partitions in a large part of the General Dyestuff corporation's new home are constructed of glass bricks. The walls are neutral tinted, to give a minimum of untoward influence of light. Stainless steel is used in all the larger apparatus where corrosion is possible, and for many utensils as well.

The warehouses which occupy the lower six floors of the nine-story building, and the sample rooms contain a bewildering variety of colors and related chemical agents. Some of these are the products of the domestic manufacturer, General Aniline Works, for which the General Dyestuff Corporation is selling agent. Others are imported materials, produced by the I. G. Farbenindustrie, which the corporation represents in the United States. One of the warehouse floors is bonded under the United States Treasury Department and is under the constant supervision of a customs guard.

The inspection tour was completed with a visit to the power plant and other mechanical equipment, after the floor-level, straight-line system of receiving and shipping goods by truck had been seen.

The guests were impressively informed by their tour and pleased with their luncheon, and expressed to Mr. Halbach a hearty vote of thanks.

General Dyestuff Color Lakes Laboratory

Dings & Schuster, Inc., shellac bleacher, Long Island City, has elected Adrian E. Jacobs as vice-president.

Botanical Drugs, Gums

Good Distribution of Stocks Eases Sumatra Benzoin—Possible Damage to Mandrake Stocks in Flood Area Stiffens Market — Select Elm Bark Lower Here

Business in the market for botanical drugs last week was very steady. Demand was maintained at a volume comparing favorably with that in recent weeks and the business was done at prices primarily firm in all respects. Each week of late has produced its item of feature interest and during the period under review it was mandrake root that came to the fore.

Prices for mandrake were advanced slightly, but the important thing was that holders of stocks in this market became reserved pending the result of a study concerning available stocks of the item in the country. It seemed that most of the unsold stocks in first-hands were stored in the flood area in the Ohio River Valley and as yet the extent of the possible damage is not known. It was significant, however, that a product derived from mandrake was advanced in price last week by its manufacturers.

Sumatra benzoin was easier and lower. The shortage in stocks has been relieved and supplies were well distributed locally so that all were in a position to make deliveries. Demand was good. Select elm bark in bundles was also lower, this for the reason that the end of the season was at hand and certain quarters desired to reduce their inventory. Russian cantharides were lower under competition.

Bleached Irish moss was firmer and the source had nothing to offer for prompt shipment, and will not have until new crop becomes available. Kola nuts were advanced and present spot stocks must care for demand until next July when the new crop will come on the market.

Seasonal items were very firm in most instances and demand continued to be good. The general strength to practically all prices was caused by the fact that reserves on spot and in the primary markets were low.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	20	206
Caraway	1,511	3,915
Cardamom (cases)	...	256
Celery	...	1,479
Coriander	643	700
Cumin	300	380
Dill	...	86
Fennel	75	1,393
Mustard	280	5,538
Poppy	...	6,925
Sage leaves (bales)	20	...
Sesame	...	...
Stramonium	56	105
Thyme herb (bales)	71	91
Totals	2,876	21,084

Price Changes

Prices were changed during the past week as follows:—

Advanced

Copaiba balsam, 2c. per lb.
Ginger, Jamaica, medium bold, ½c. per lb.
bright grinding, ½c. per lb.
Kola nuts, 3c. per lb.
Mandrake root, ¼c. per lb.
Mustard seed, Chinese yellow, ¼c. per lb.
Nutmegs, 110's, ¼c. per lb.
Peppers, red, chillies, Japanese, ¼c. per lb.

Reduced

Benzoin gum, Sumatra, 1c. per lb.
Cantharides, Russian, whole, 5c. per lb.
powder, 10c. per lb.
Caraway seed, ½c. per lb.
Celery seed, French, ½c. per lb.
Indian, ¼c. per lb.
Cumin seed, Algerian, 1c. per lb.
Morocco, 1c. per lb.
Elm bark, selected, 3c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
119.4	119.6	114.6	107.5

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—Quotations were higher at 37c. to 38c. per pound for Para, and 39c. to 40c. for U.S.P. South American balsam. The shipment quotations were very firm and shippers were not the least disposed to accept bids.

Tolu.—Business was not especially active, but there was a fairly steady call for the article at all times and the result was a market of firm undertones and very steady prices during the past week.

Barks

Black Haw.—Fair demand was reported. In point of volume, it compared favorably with the business done since the first of the year, and the movement kept prices to the virtually strong basis prevailing for a long time past. However, no signs of any further advance in the immediate future were reported.

Cinchona.—According to a Netherland Indian government decree, effective November 10, 1936, the maximum quantity of bark, which could be exported under license from Netherland India during the calendar year 1936 was increased by 71.5 metric tons. The total was set at 818.5 metric tons, expressed as quinine sulphate equivalent. The spot market on pharmaceutical bark was firm and fairly active throughout the past week, prices holding well.

Elm.—With the end of the active season now in sight, and because some spot merchants were rather long on supplies, quotations on select bark were reduced to the basis of 35c. to 36c. per pound during the past week.

Sassafras.—Select bark continued to move very well and hence prices were on the firm side and competition failed to press very strongly in local circles. It was not expected that the carryover would be substantial this year, as consumption has been good.

Wahoo.—Prices were firm. Country stocks were comparatively low and holdings were in fairly strong hands. Carryover into the new crop season will be small and an active collection will be needed to replenish inventories.

Beans

Calabar.—The market was static. Buyers were aloof and so far as could be learned, no sales were made during the period under review. Prices remained unchanged and seemed to be steady.

Vanilla.—The market was strong. Demand was very good and prices continued to display an upward tendency. Foreign market prices were strongly maintained and conditions failed totally to suggest any early turn of values in favor of buyers for import in this country. Good quality beans were in comparatively low supply abroad and no substantial increase in world stocks was likely to take place when new crops become available.

Berries

Raspberries.—Stocks in all markets were at low ebb and some dealers felt that they might be totally exhausted before new crop goods become available. Prices were virtually nominal at the source and on spot they were strongly held.

Saw Palmetto.—While all reports show small stocks in the primary market to be the general rule, especially when it comes to berries of high quality, locally fair stocks were held at very firm prices in a market not notable for present demand.

Flowers

Arnica.—Prices held firm but the market was somewhat more competitive than some had reported of late. Replacement costs have served to check fairly well any tendency to do business at less than the present market at 28c. to 29c. per pound.

Calendula.—Following the price decline in the previous trading period, the market steadied somewhat and quotations were less unsettled than they had been. However, competition was still current and the future of values was still somewhat indeterminate.

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

Chamomile.—Roman flowers lacked further change in prices but the market as a whole was subject to substantial competition and the tendency with some sellers was to accept reasonable bids. Hungarian flowers were about steady in price but profits were not always satisfactory.

Rose.—Competition still prevailed in the market for pale flowers but no further concessions in open market prices were noted. Red flowers were very firmly priced and competition was not keen. Replacement offerings were moderate.

Saffron.—No further decline in prices on Spanish flowers took place last week but competition was fairly keen and conditions were more favorable to buyers than sellers. Stocks seemed to be sufficient for current requirements at least. Mexican saffron remained inactive but also very firm in price.

Gums

Aloe.—Acreage set out to Curacao aloe in 1936 was increased. At Bonaire, some 200,000 plants were set out. Exports to the United States totaled approximately 3,600 cases from Aruba; from Bonaire, 1,394 cases. The outlook for the 1937 crop was good on both islands because of plentiful rainfall. At the end of 1936 stocks in Aruba were estimated at 2,000 cases, being the smallest surplus in a considerable period of time. In fact, the large carryover stock that had been held over the market has now been fairly well liquidated and a return to normal marketing conditions was said to be expected.

Arabic.—Cleaned amber sorts were priced at 10½c. to 11c. per pound, depending on seller and quality desired. Recently the minimum price had been 11c., but the market here declined frac-

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tionally when that in the primary market developed a moderate recession in values. New crop goods are coming into sales centers slowly, but the collection season is a long one and it will be some time before definite information regaining stocks for the next consuming year will come to hand.

Benzoin.—A fair distribution of Sumatra gum was available in this market last week and the temporary shortage in supplies was a thing of the past. Prices were down slightly to 17c. to 18c. per pound. Demand was reported to be very good.

Camphor.—Moderate demand prevailed. For the most part, sales into channels where consumption is moderate have not been too brisk of late. Notwithstanding this, prices remained firm last week in keeping with the recent advances in primary market points. Stocks on the spot were of fair size.

Guaiac.—Hand-to-mouth trading was said to have been quite active during the past week and the market held fundamentally firm at very steady prices. Replacement costs tended to check any important tendency toward shading under competition.

Tragacanth.—The recent consular officer's report to the effect that the Persian government had given a monopolistic sales agency to a European company was probably in error. The government set up its own sales agency at the time it took over absolute control of production and distribution of this gum and the headquarters of this government owned company was established at Terehan. The market on spot last week was strong, undersupplied with first quality merchandise, so far as most merchants on spot were concerned, and totally lacking in any important degree of competition. Prices were strongly held in all quarters.

Herbs and Leaves

Buchu.—Competition was fairly keen and prices were none too steady, though they lacked quotable change during the past week. The undertone of the market was still growing easier and conditions favorable to buyers gained substantially.

Eucalyptus.—Stocks were of moderate size; the market held strong at 10c. to 11c. per pound in keeping with the difficulty importers have experienced in securing prompt shipments from the primary market.

Horehound.—Quotations were reduced no further, nor did a continuation of the recent decline seem to be probable last week, as the market as quoted was definitely in line with the replacement cost of the material.

Peppermint.—The advance was fully maintained and foreign goods were firmly held in all quarters during the past week. Domestic leaves were steady to firm in all quarters.

Skullcap.—Stocks were moderate in size and not replaceable save at a fairly high cost for the limited quantities now forthcoming from the primary market. During the past week demand was mainly on the hand-to-mouth variety, but undertones were as firm as ever and competition was a negligible quality.

Miscellaneous

Cantharides.—Russian flies were more competitive and prices eased back to the basis of $1.35 to $1.40 per pound for whole, and to $1.70 to $1.75 for powder. Chinese goods lacked quotable change. Demand was very narrow.

Ergot. — The market was strong. Stocks were low and could not be readily nor substantially replaced as foreign sources of supply had little or nothing to offer. Open quotations on the spot were $1.85 to $2 per pound, but not a great deal was to be had at the inside price and some quarters rejected orders when offered at less than $2.

Irish Moss.—Reports were that no bleached moss from the source would be available until new crop becomes available some months later. The market on the spot was very firm in all quarters.

Kola Nuts.—The market was 9c. to 10c. per pound because of the fact that stocks in the primary market had become exhausted and new crop will not come on the market at the source before next July.

Lycopodium.—Business was light and usually of jobbing size. Stocks, however, were comparatively small in all directions on spot, while abroad holdings were also conservative in size and held in strong hands.

Roots

Angelica. — Imported goods were somewhat steadier than they had been of late. No further recession in spot quotations took place last week, and some felt that the recent drop in values would not be extended at an early date. Demand was strictly routine.

Golden Seal.—The market was strong. Stocks were conservative in size and as country holdings were small, cannot be replaced readily by local dealers. Prices were entirely free from fluctuation and their tendency was upward.

Ipecac. — This was another strong item in which replacement cost was figuring prominently in the maintenance of the recent advances in spot quotations. Also, demand has been quite active because of seasonal conditions. Stocks were moderate and in strong hands on the spot.

Mandrake. — Uncertainty concerning stocks of this root in the primary market led some dealers virtually to withdraw prices for the time being. Much of the country stock was stored in the flood area of the Ohio River Valley. Quotations were about nominal at 10c. to 11c. per pound.

Senega.—The spot market was firm, but activity seemed to have receded. Some consignment stocks were held locally, and it was possible to buy over the range 55c. to 60c. per pound during the period under review.

Seeds

Anise.—Steady prices, but not much demand, was the rule last week, and for the most part sellers were disposed to stand aloof pending further developments in the primary markets. Stocks were of fair size, current demand considered.

Cardamom. — Decorticated material was strongly maintained and the gree was still in nominal price position. Only bleached goods have failed to appreciate in value during recent weeks. Fair demand was quoted.

Celery.—French seed was shaded to 20c. to 20½c. per pound, and the material from India could be bought at 16¾c. to 17¼c. per pound. General inactivity prevailed in both the spot and the primary markets, it was said.

Cumin.—Prices were lower at 7½c. to 8c. per pound for the Algerian, and at 7¾c. to 8¼c. for the Morocco material. Demand here receded as replacements became available at more attractive limits.

Sunflower. — Danger of substantial shortage of supplies has been averted and makers of feed have been able to secure their requirements at fairly attractive prices. The undertone, however, continued to be exceptionally firm.

Spices

Clove.—Primary market prices were reported to be distinctly firm on the basis of the higher levels developed recently. So far as spot business was concerned, trade was irregular most of the time. Local quotations were steady.

Ginger.—African root continued to be hard to get in the shipment market and most spot quotations were definitely nominal. Jamaica root was much firmer and quotations on medium bold material were advanced to 14½c. to 14¾c. per pound. Bright grinding was also higher at 14c. to 14½c. Demand was very good.

Nutmegs.—Prices on 110's were advanced further and quotations at 17c. to 17½c. per pound were very firm at the close of last week. Prices on 80's and West Indian materials were well maintained in the absence of competition.

Paprika.—Demand was steady for moderate-sized quantities and prices were firm in most directions during the past week. Stocks were fully equal to any demand likely to develop here in the early future. Shipment quotations were steady and offerings were sufficient.

Peppers.—The only change came in prices on Japanese chillies. They were higher on spot at 12½c. to 13c. per pound, and import quotations were higher than those named in the previous week. Fair trading in black pepper futures was reported. White peppers held very steady, locally and at the source.

International Printing Ink Company has reported to the Securities and Exchange Commission that it has acquired the assets and property of the Standard Printing Ink Company, an Ohio concern, in exchange for common and preferred stock valued at $542,700. The company also has purchased all of the stock of the Chambon Corporation, the North Bergen Varnish Company, and the Color Coatings Company.

Flood Zone Companies Report on Situation

(Continued from page 3)

the Sterling group are "Bayer's Aspirin," "Fletcher's Castoria," "Phillips' Milk of Magnesia," "Dr. Caldwell's Syrup of Pepsin," "Dr. Lyon's Tooth Powder," "California Syrup of Figs," "Cascarets," and "Diamond Tints and Dyes." Other offers of a similar nature have been made before, and it is assumed they are being made in this emergency.

Estimates of general damage, or of specific damage to cities and individual plants, are as yet largely guesswork, as is also the situation in which houses in the chemical, oil, and drug industries find themselves, but numerous reports, received by the REPORTER, give some indication of the flood status of some of the companies. They are summarized as follows:—

Aler (C. C.) Company:—The plant of this company, distributor in Cincinnati for Benjamin Moore & Co., was under seven feet of water. No estimate of the damage done could be given.

American Can Company:—Maintains a large machine plant in Cincinnati for the production of can-making machinery for the company. The water rose ten feet above the first floor, but the company was able to move its motors out of the lower floor to the second floor. The chief expense to the company will be cleaning up the machinery and reconditioning it. Little or no damage was done to the metal stock.

Anchor Cap & Closure Company:—Has branch offices in Cincinnati and Louisville. Both were flooded, and the branch managers were compelled to conduct business from their homes. The company carries stocks in St. Louis, Chicago, and Pittsburgh, and these depots were called upon to supply the demands of the closed branches.

Archer-Daniels-Midland Company:—No plants of the company are located in the flood area, but inconvenience was caused by shipments to the flooded area being held up.

Ault and Wiborg, unit of the International Printing Ink Company:—Plant in Cincinnati was not in the line of the flood but was inconvenienced by the lack of electric power and, up to the middle of last week, was restricted to an emergency operating schedule.

Bon Ami Company:—Has warehouses in Cincinnati and Louisville. The Cincinnati plant building was partly under water, but stocks were stored on the upper floors and escaped damage. The only interruption was in shipments, and the company does not expect to move stocks well for the next week. The situation in Louisville was not known, except that the warehouse was under water.

Cliffs-Dow Chemical Company:—No plants or branches of this company are in the flooded area, and the company was inconvenienced only by necessary rerouting of shipments.

Colgate-Palmolive-Peet Company:—Its sales office building in Cincinnati was flooded. The company force moved to Columbus, conducted business from there for a few days, and returned as soon as the waters receded sufficiently.

Continental Can Company:—Has two plants in Wheeling, W. Va. Both were slightly affected by water. Operations, however, were delayed only a short time, and are going on as usual.

Devoe & Raynolds Company.—Three paint, varnish and lacquer plants in Louisville and also the company's general laboratories in that city were flooded. The company could not estimate the amount of damage as the first floors of all three plants and the laboratory were flooded. G. R. Harrington, superintendent of plants for the company, rushed from New York to Louisville by plane when the floods were approaching the city, but could not reach the company's properties. He was marooned on the fourteenth floor of a Louisville hotel for several days and, when elevator service in the hotel was suspended by lack of electric power, Mr. Harrington was forced to walk up and down from the fourteenth to the second floor three times a day for his meals. First access to the plants was made February 2.

Eagle-Picher Lead Company:—Properties in Cincinnati were out of reach of the flood waters, but the plant was shut down because of the lack of electric power and water for manufacturing operations. By Wednesday of last week, the plant was close to normal manufacturing operations.

Foy Paint Company:—Company's sales plant in Cincinnati was flooded, but the amount of damage is undetermined.

Frank Tea & Spice Company:—The company's plant in Cincinnati was flooded. The company moved as much stock as possible to upper floors, but substantial damage was done. Deliveries for some time will be subject to considerable delay.

Harshaw Chemical Company:—Has sales office in Cincinnati, but it is on high ground, at a safe distance from the flood.

Hilton-Davis Company:—In Cincinnati, had its paint stocks damaged by flood, according to report, but the extent of the damage was not determined.

Imperial Paper & Color Company:—Has warehouse and offices in Cincinnati. The warehouse was flooded to the fourth floor, but the stocks of the company were on the tenth floor and were not damaged in the slightest. The offices were closed for a few days, but business is being carried on now at almost normal.

Jergens-Woodbury Company: — The Cincinnati office and shipping point of the company were only a few blocks from Mill Creek, in the worst part of the flood. The building was flooded to the second floor. The office will be able to resume operations within the week, but shipping will probably be delayed for the next week. Company shipments to points east of the Mississippi river are being made from the New York plant, while business west of the Mississippi is being taken care of by the California plant.

Jones-Dabney Company. — Its paint and varnish manufacturing plant in Louisville was not touched by the flood waters. It has resumed operations. The company's Detroit plant handled most of its rush orders during the height of the emergency.

Kentucky Color & Chemical Company:—Its plant in Louisville was flooded, but it was understood that this company was one of those that anticipated the onrush of the waters and moved its stocks of raw and finished materials and portable machinery onto upper floors of its buildings. It was learned at the company's local offices that limited manufacturing operations were resumed February 2.

Louisville Varnish Company:—One of its plants was destroyed by fire and flood; the other, chiefly for bulk storage and on high ground, was partly damaged. Colonel P. H. Callahan, president of the company, said the old buildings would not be rebuilt, but that a combined plant would be erected at the site of the Floyd street and Eastern Parkway plant, at a cost of approximately $250,000.

Mathieson Alkali Works:—Has offices in Cincinnati and warehouse in Louisville. The Cincinnati office, in the Dixie terminal building, suffered no loss. The waters approached one side of the building, but the building was kept open by the authorities, largely because the company was working continually supplying chlorine for the sanitation work necessitated by the flood. Its large warehouse in Louisville was assumed to be under water, because it is in the section hardest hit. No estimate could be given as to the extent of the damage.

Melvin Company:—Agents in Cincinnati for the Enterprise Paint Manufacturing Company and the Calvert Aniline & Chemical Company, was flooded to the depth of seven feet. Estimate of the damage could not be given.

Nowland (George H.) Company:—This spice company in Cincinnati had its plant flooded. The company moved considerable stock to upper floors, but substantial damage was done. Deliveries will be delayed for a considerable period.

Pittsburgh Plate Glass Company:—Its Duquesne Way warehouse, near the Allegheny river, was entered, but no serious damage was done, and business was normal.

Sherwin-Williams Company:—Company's Pittsburgh offices, facing the Monongahela river, barely escaped. A water-soaked basement was the only damage.

Spencer Kellogg & Sons Company:—Has receiving station in Cincinnati, but no word had been received at the New York office as to how it was affected. At one time during the flood shipments from Kansas City were delayed; but shipments now to the flooded area seem to be moving as usual.

Standard Ultramarine Company:—Its plant at Huntington, W. Va., was flooded and partly disabled; but sections of the plant were out of reach of the waters.

Tennessee Corporation:—Its Calumet

(Continued on page 48)

Essential Oils, Aromatic Chemicals

Spot Prices on Lemon Below Replacement Cost—Mace and Nutmeg Advanced—Rosemary Higher as Stocks Shrink—Bergamot Values Rise — Apricot Kernel Up

Price tendency in the market for essential oils continued to be upward last week. Throughout almost the entire list, the trend toward higher levels was pronounced and those materials failing to show a rise in price were exceptionally firm as quoted and offered with considerable reserve by the leading importers and dealers.

Citrous oils continued to occupy a forefront position in the market. Bergamot was higher, spot and replacement; the spot quotation was very close to replacement cost. Lemon oil from Messina was lower on spot than for shipment. Orange oil held steady. Domestic lemon and orange was still in uncertain position because the full effect of the freeze in California has yet to be ascertained.

Apricot kernel oil was higher on spot and the replacement was substantially firmer because of a rising trend in the cost of production. Cassia was higher and stronger on spot, reflecting the primary market position of the material. Anise was still in virtually nominal position for the reason that stocks were so small as to make dealers confine their sales to regular customers.

The cost to produce mace and nutmeg has risen in keeping with the rise in raw material prices. Both were very firm at the advance last week. Spanish oils showed renewed strength, origanum and rosemary selling at higher levels and other products of Spain tending higher.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Apricot kernel, 2c. per lb.
Bergamot, 25c. per lb.
Cassia, 10c. per lb.
Mace, 5c. per lb.
Nutmeg, 5c. per lb.
Origanum, 10c. per lb.
Rosemary, 17c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
90.2	**89.3**	**82.4**	**70.6**

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Almond.—Sweet true oil held very firm at 75c. to 76c. per pound. Stocks were moderate to light in most quarters and replacements were neither ample in volume nor especially attractive as to price. Demand was moderate.

Anise. — A market of exceptionally firm undertones prevailed. Prices were usually applicable only to the regular customers of dealers. Open market trading was almost impossible because stocks on spot were low and replacements were hard to obtain at the source.

Apricot.—The market has strengthened substantially at the source and higher spot prices prevailed on the basis of 28c. to 30c. per pound. Demand has been about normal for some time past. Reserve stocks were hardly of usual size.

Bergamot.—Quotations were higher at $3.50 to $4 per pound, which was a favorable value when replacement cost was considered. Offerings from Italy were moderate in size and prices there were under strict control. Local trading was routine, but fair in size.

Bois de Rose.—Business was routine in kind and about equal in volume to the trade noted for some time past. The firmness of local values reflected the well maintained cost of goods available in the primary market.

Camphor.—Prices from Japan revealed a very firm market there and also one entirely lacking any signs of an immediate reversal of form. Locally, prices were well held and quotations were exceptionally firm in all instances.

Cassia.—Sales have been made at $1 per pound and the range in quotations last week was to $1.05, according to seller. The market in China has been advanced of late, and reports in hand last week showed a generally firm position to be prevailing at the source.

Cedarleaf.—While demand did not press strongly on this market, values were still committed to strength for the reason that stocks from the primary market were not forthcoming in normal quantities. Reserves held in this market were not very large, and hence sellers showed some reserve in making commitments.

Citronella.—The market has eased off somewhat in Ceylon, and quotations came in at levels somewhat under the high point reached recently. Spot quotations held very steady. Java oil was also well maintained locally and offerings were conservative in size.

Clove. — Prices for raw material stopped advancing last week, but oil held strong on the basis of the recent successive rises in quotations. Also, demand was very good. Resale material was not offered in exceptional quantities and the producers appeared to have the market under excellent control.

Eucalyptus.—Strong undertones continued to govern the primary market where available stocks and production have been sold well ahead. No prompt shipment oil was available and the offerings were usually as far away as the late Spring months, at least. Prices were very firm on spot and the tendency was still upward.

Grapefruit.—Some local dealers said they were undertaking missionary work with a view to increasing the domestic consumption of this item. Its use abroad was said to be far larger than that in this country. Prices were attractive and generally steady.

Lavender.—The market was exceptionally firm, especially as concerned Spanish spike oil, the supply of which was not very large on spot. Flower oil had its usually very good call and values were well maintained, according to seller and quality of material quoted.

Lemon.—Domestic and foreign oils were strongly placed. Supplies of domestic material were none too plentiful and prices were almost nominal when it came to the placing of large orders for prompt delivery. Cables from Italy continued to stress the relatively small production this year and price views abroad were uniformly strong and high.

Lemongrass.—Prices were still very firm, but the rise in values appeared to have been checked for the time being at least. Primary market information stressed the lack of normal reserves. Demand on the spot was fair in size and stocks were comparatively light.

Mace.—Increase in the cost of production has made this item higher on the basis of $1.15 to $1.20 per pound. Undertones were exceptionally firm, the result of the very good interest displayed of late by manufacturing consumers.

Nutmeg.—The market was higher at $1.15 to $1.20 per pound and undertones were strong in keeping with the recent rise in the cost of raw material. Demand was very good and consumption was said to have increased moderately.

Orange.—The local situation was very steady and prices for the most part were thoroughly maintained throughout the past week. Replacement costs on Messina oil were well supported by the foreign suppliers. West India oil seemed to be amply stocked and prices were very steady. The situation in California oil remained to be developed fully, but it was significant that resellers were still able to obtain a sharp premium over the official price of the producers.

Origanum.—Because of the continued shrinkage in stocks of good quality and genuine Spanish oil, spot quotations

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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were advanced to $1 to $1.25 per pound and closed very firm thereat last week.

Palmarosa.—The replacement market was strongly maintained at the recent advance and hence spot quotations were fully supported by the principal dealers. Demand was also said to be a strengthening factor in the general price position of the article in local circles.

Peppermint.—The substantially steady quality of this article was unchanged locally, nor did the primary market show any change in its recently well-maintained price position. As to immediate demand on spot, it was steady, but in moderate volume.

Rosemary.—Quotations on Spanish oil were advanced to 55c. to 60c. per pound in drums and to 60c. to 65c. in cans. Inability to secure normal replacements and the high cost of anything obtainable was behind the situation. Also, over the past several months, there has been a substantial shrinkage in unsold reserves on this market.

Sassafras.—The higher cost to produce this article accounted for the very firm price position on spot. Also, demand has been well maintained by manufacturing consumers. Raw material offerings were usually available only in the more distant shipment positions.

Thyme.—The market was firm to strong because of shrinkage in spot stocks and the absence of a normal replacement situation. The tendency in prices was distinctly upward and most dealers predicted an early rise.

Wormseed.—The market was strong at the recent advance. Primary market quotations have been raised substantially of late and a very good interest disclosed by the producers suggested the possibility that continued rise in export demand might force values still higher.

Aromatic Chemicals

Cinnamic Alcohol.—Sales were somewhat slow, but on the whole the market continued to display a generally steady position and prices were fully maintained so far as the quantities of merchandise in demand were concerned during the past week.

Amyl Salicylate.—Business was fairly active and the general tone of the market was one of stability and firmness. Stocks available on the spot were ample for all probable requirements at this time.

Citral.—The high cost of lemon oil has caused some gain in demand for citral and throughout the past week a very steady movement into consuming channels was reported. Prices were generally very steady and competition was moderate.

Citronellal.—Some producers have become reserved because of the advancing cost of production. However, the market was reported to be well supplied with stocks and manufacturing consumers had no difficulty in covering their requirements.

Eucalyptol.—Prices remained strong and production costs showed no signs of decreasing, this being because raw material values were expected to be thoroughly maintained if not actually advanced further. Demand was excellent.

Eugenol.—Production costs held high by reason of the thoroughly maintained prices prevailing on raw material. The tendency of prices continued to be upward under the influence of a strong situation prevailing in the market, from whatever point of view.

Geraniol. — While some producers were highly reserved because of the sharp increase in raw material cost, the market was still oversupplied with the material and on the spot a very wide range of quality prevailed. It was understood that manufacture of synthetic menthol has increased inventories of geraniol substantially.

Heliotropine.—Production costs were rising and some quarters have already advanced prices on the domestic article. Also, imported goods were substantially firmer. Demand was about normal.

Menthyl Salicylate. — Demand from makers of preparations protecting buyers from the ill effects of sunburn was said to be good, and its use has increased substantially since its introduction for that purpose. Prices were substantially firm.

Phenylacetic Acid.—Somewhat irregular request was reported at times last week, and for the most part it was a comparatively quiet period. Prices retained a deal of stability in the absence of much local competition.

Phenylethyl Alcohol.—Steady absorption of supplies was noted, quantities in request being normal and well up to levels prevailing in recent weeks. The price structure was very steady.

Rhodinol.—The price to be paid depended directly on the quality of merchandise required—and the range in quality on spot was fairly wide. As to demand, it was routine and generally conservative in volume.

Terpineol.—Steady demand was noted, and in view of replacement cost of raw material, the manufactured product occupied a steady to firm position throughout the past week.

Vanillin.—The cost of producing this item from eugenol was advancing in keeping with the steady rise in prices for raw material. Hence, prices on vanillin were firm at all times and a very good request prevailed. Guaiacol vanillin was steady at prices 10c. per pound under those for the article ex eugenol.

Flood Zone Companies Report on Situation

(Continued from page 46)

superphosphate and fertilizer plant at New Albany, Ind., was flooded, but the amount of the damage was underterminable.

United Carbon Company:—The warehouse in Cincinnati was flooded, but stocks were moved to upper floors, and did not undergo any material damage.

U. S. Industrial Alcohol Company:—Has 35 warehouses in various parts of the flooded area. All of the supplies in tanks and drums were saved; but some of the small storage warehouses were washed away, with the loss of an unknown quantity of packaged goods. Much of what was left was damaged by water and debris, and the company's chief concern at present is reconditioning these packages for the customers. No estimate could be given as to the total damage.

Watson Standard Company:—In Pittsburgh, was entered by the flood, but aside from a general soaking of the building, little damage was done to its paint stocks.

Obituaries

Edward Pitcairn

Edward Pitcairn, vice-president of the Pittsburgh Plate Glass Company, died of pneumonia, January 30, in his home in Pittsburgh. He was in his seventy-second year.

Mr. Pitcairn was born in Pittsburgh in 1865, the son of Alexander and Janet Pitcairn, who had lived in Pittsburgh practically all their lives and were of old outstanding families. Mr. Pitcairn spent nearly all of his life in Pittsburgh. His first business experience was with the Excelsior Express Company, from which he went with a coal company. In February, 1897, he became treasurer of the Pittsburgh Plate Glass Company, and in July, 1909, was elected a director of the company. He served continuously as treasurer until April, 1933, when he was advanced to the vice-presidency, the position he held at the time of his death. He was a member of the Shadyside Presbyterian church and an active officer in the organization. He was deeply interested in philanthropic efforts and gave liberally of his time to many of the outstanding charitable and philanthropic activities in the city.

Surviving are his wife, Mrs. Amelia Donovan Pitcairn; a sister, Mrs. Helen P. Lindsay, wife of Samuel S. Lindsay, for many years controller of the company, but recently retired; and a brother, David Aiken Pitcairn, for many years assistant treasurer of the company, also recently retired. A sister, Miss Agnes Pitcairn, died several years ago.

Richard Charles Baker

Richard Charles Baker, founder of Borax Consolidated, Ltd., London, died January 12 in a nursing home in London. He was seventy-nine years of age.

Mr. Baker's entry into the borax field was in 1896 when he formed a company known as the Pacific Coast Borax and Redwood Chemical Works, in which American and British capital was invested. Three years later, the present company was formed by Mr. Baker, who served as its managing director, an office he held at the time of his death. He was closely identified with borax production in this country, having been president of the Pacific Coast Borax Company, the American operating agents for Borax Consolidated, at the time of his death.

James Joseph Couzens, a retired soap manufacturer of Michigan, and father of the late James Couzens, United States Senator from that State, died of pneumonia in a hospital in Los Angeles, Cal., January 29. He was eighty-eight years old. Mr. Couzens came to the United States from London in his youth. He retired from business many years ago, and had lived for the last four years in Pomona, Cal.

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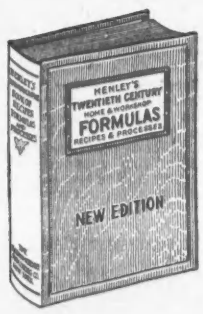

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Petroleum Solvents, Lubricants, Fuels

Crude Oil Price Advance Spreads Throughout Nation Except California and Pennsylvania Fields — Gasoline Higher At Refineries—Solvents and Naphthas Advance

Following the expectations of the trade, the crude oil price boost which took place in Oklahoma and Texas fields spread throughout the Southwest and in every oil producing sector of the country except California and in the Pennsylvania grade crude fields. The rise in crude prices was immediately followed by advances in gasoline prices over the major portion of the country and a materially stronger market position for fuels and other refined products.

Petroleum solvents and naphthas were advanced at the Midcontinent, marking the first movement in prices in that sector in several months. The advance at the Midcontinent naphtha refineries was one-half cent per gallon. East Coast refiners also advanced prices at the refineries and the tankwagon quotations in Northern New Jersey points followed in sympathy. There was no change in the New York tankwagon market but there was a strong likelihood that an advance would take place within a short time, according to the sellers. Despite the handicaps of the strike in the automobile industry and the destruction by the floods in the Mississippi valley, manufacturers of surface coatings were active buyers of petroleum naphthas.

Other petroleum products used as industrial raw materials reflected the stronger basic situation albeit the prices did not show much change. Paraffin waxes were higher in the scale wax department but the fully refined wax prices did not move. Petrolatum continued strong at unchanged prices but there was a general belief that prices would soon be unified at the higher levels of the market's current range.

Daily average production of crude oil in United States for the week ended January 30 was 3,194,050 barrels, a decrease of 11,000 barrels from the preceding week's average of 3,205,150 barrels, according to the estimate of the American Petroleum Institute, which omits any oil that might have been produced surreptitiously. The average for four weeks ended January 30 was 3,175,400 barrels and the average at this time a year ago was 2,815,550 barrels. The runs of crude oil to stills averaged 2,762,000 barrels for 76.3 percent of refinery operation, according to the reports gathered by the A.P.I., and an additional 233,000 barrels were estimated to have been sent to stills for a total average of 2,995,000 barrels against 3,055,000 barrels during the preceding week. Crude oil stocks January 23 totaled 285,211,000 barrels against 286,044,000 barrels in the preceding week, according to the Bureau of Mines.

Solvents and Diluents

Following the crude oil price advances in the Southwest, tankcar quotations for petroleum solvents and naphthas at Midcontinent refineries were advanced one-half cent per gallon last week. This was the market's first price movement in some time and the rise was uniformly posted throughout the Midcontinent area. Some prices in the East Coast area were correspondingly higher but up to the time of this writing there was no change in the New York City market. Tankwagon and tankcar prices in New Jersey were advanced. The rising prices fostered an increasingly active interest on the part of buyers.

Cleaners' Naphthas.—Tankcar prices at the Midcontinent refineries were now quoted at 7⅞c. to 8c. per gallon, f.o.b. Group 3. These quotations represented an increase of one-half cent per gallon, the market's first movement in several months, and resulted from the higher cost of crude oil. Prices for tankcar lots at East Coast refineries were also raised one-half cent per gallon to the basis of 10c. per gallon. Tankwagon prices in Newark were raised to 12c. per gallon, an advance of one-half cent.

Hydrogenated Naphthas.—Prices for these materials continued unchanged at the levels that have been in force for some time.

Lacquer Diluents.—Midcontinent market prices were advanced one-half cent per gallon to the basis of 8⅞c. to 9c. per gallon for tankcars, basis Group 3. The market's rise was uniformly posted by the refiners in the Midcontinent area and followed the increase in crude oil prices.

Petroleum Thinners. — Midcontinent market prices advanced one-half cent per gallon to the level of 6⅞c. to 7c. per gallon, f.o.b. Group 3. Tankcar prices were advanced by some East Coast sellers with 9½c. to 10c. per gallon named at refinery. Tankwagon prices in Newark advanced one-half cent per gallon to the basis of 11c. per gallon, and there was a likelihood that New York prices would also advance one-half cent.

Rubber Solvents.—Tankcar prices at the Midcontinent advanced one-half cent per gallon along with other petroleum solvents. Both the light and heavy grades were now quoted at 6⅞c. to 7c. per gallon, basis Group 3. The tire makers have been cautious buyers because of the labor strike in the automobile industry and also because of some recurring labor troubles of their own.

Stoddard Solvent.—As market observers had indicated previously, prices advanced one-half cent per gallon at the Midcontinent refineries with 7⅜c. to 7½c. per gallon named, basis Group 3. Prices for tankwagon lots in Newark advanced one-half cent per gallon to 11c. per gallon, and it was considered likely that New York prices would follow upward soon. The tankcar price at the local refineries was now 10c. per gallon.

V. M. & P. Naphthas.—Quotations at the Midcontinent advanced to 7⅞c. to 8c. per gallon, representing an advance of one-half cent per gallon over the market prices that had been quoted for some time past. Eastern prices advanced half a cent per gallon in the tankwagon market in northern New Jersey with 13c. per gallon named at Newark; there was no change in the New York tankwagon price but it was likely to advance momentarily, according to the sellers. The tankcar prices here were named at 10½c. per gallon by most refiners.

Markets at Other Centers

Tulsa, Feb. 4.—Although trading was slow in the solvents market, there was a unanimity of prices being quoted at one-half cent per gallon above the quotations prevailing before the crude oil price advance. The Stoddard product, which had been quoted at 6⅞c., was now quoted at 7⅜c. per gallon. The lighter grades, previously quoted at 7⅜c., were now quoted at 7⅞c. per gallon.

Chicago, Feb. 3.—Petroleum solvents and diluents were maintaining their price positions in the current market without any difficulty. With the exception of a few irregularities, this general class of products remained quiet and firm. Ruling prices in tankcar lots except as noted were (tankcar prices f.o.b. Group 3, Oklahoma):—Blending naphtha, 4¾c. to 4⅞c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.8c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.5c., tankwagon; rubber solvent, 7⅜c. to 7½c.; lacquer diluent, 8⅜c. to 8½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.3c., tankwagon; V. M. & P. naphtha, 7⅜c. to 7½c., tankcar; 16.8c., tankwagon.

Lighter Fractions

With natural gasoline prices rising as a result of the advance in crude oil values, the lighter solvent fractions in the group of liquefied petroleum gases were strengthened statistically, but the producers of these commodities have not advised of any change in prices. Industrial purchasers' interests have been attracted to the market in the past several days because of the strengthened condition of price prospects.

Butanes.—The market was strong but the producers have not advised of any change from the long standing range of quotations at 2¼c. to 3¾c. per gallon for tankcar lots, basis Group 3. These quotations were for material testing up to N.G.A. specifications and were dependent upon the number of cars used per month.

Heptanes.—Conditions were statistically strengthened by the rise in crude oil and natural gasoline values but the producers have not reported any change from the schedule which was based at 9½c. for mixed and 10½c. per gallon for normal, both in tanks, f.o.b. Group 3.

Hexanes.—There has been no change in the structure of prices and latest quotations for tanks were still at 10½c. per gallon with usual differentials for small quantities at Group 3 producing points. However, general market conditions were stronger.

Propane.—The market for this commodity has not been changed since last reported. Quotations were 3c. to 4¾c. per gallon for tankcars at Group 3.

Petrolatums and Waxes

White Mineral Oils.—A resolution has been introduced in the House to amend section 603 of the Revenue Act of 1934 by taxing imported medicinal white oils 12c. per gallon. The measure was introduced by Representative O'Connor (Dem., N.Y.) and was similar to the measure sponsored by Mr. O'Connor at the preceding session. Mr. O'Connor also introduced a bill, H.R. 4016, which would remove imported medicinal white oils from the duty-free list provided in the Tariff Act of 1930. Last week's trade in oils was fairly active and the prices were reported quite steady with no trace of the price shading that was reported some weeks ago.

Paraffin Waxes. — Although some buyers might be able to purchase at a little less, leading sellers have advanced prices on white scale to the basis of 2.70c. per pound for 122-124 A.m.p. and 2¾c. per pound for 124-126 A.m.p. Quotations a week ago were 2.60c. and 2.65c. per pound and most of last week's trading was done at 2.65c. and 2.70c. per pound. The Friday quotations were 2.70c. and 2¾c. per pound. The Pennsylvania refiners were fairly well sold up on current production and reports from the middle West indicated a tight supply situation there. The current rising move of the market has not received more than moderate support from the buyers.

CHICAGO, Feb. 3.—A strong aspect was evident in the refined wax market. Prices show much stability, and the sellers say they encounter no particular difficulty in getting currently quoted prices for the material. Buyers are anxious to get shipment on material, with orders coming from various sources. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Feb. 4.—Wax was about the only product in the petroleum group that has not been sympathetically advanced with the crude oil market. Quotations remained at 2⅝c. to 2¾c. per gallon.

Petrolatum.—Sellers' price ideas were divided, with some offering at the prices that have been in force for some time and others quoting ¼c. per pound higher, both on car lot and less car lot business. The market has been very strong since the middle of last month, and it was the general opinion around the market that all quotations would soon be uniform at the higher levels of the market's current range. Buying has been active during the past ten days.

Fuels and Lubricants

Higher gasoline prices throughout the Eastern sector of the country followed the crude oil price advances which were initiated January 28. The tankcar prices at local refineries and others along the Atlantic seaboard were raised one-half cent per gallon Monday, and the tankwagon dealer and retail market prices were raised throughout New York and New England and the middle Atlantic states. Kerosene was firm and the fuels were also strong. There was no further changes in the position of Pennsylvania lubricating oils, but cylinder oils and bright stocks were in very tight supply at current levels.

Tankwagon Price Changes

ATLANTIC SEABOARD. — Tankwagon and retail gasoline prices were advanced ½c. per gallon, February 1, by the Stand-

Outputs and Quotas

A comparison of suggested crude oil production for January as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended January 30, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	573,100	587,750
Kansas	165,600	173,600
Texas	1,176,000	1,268,100
Louisiana	216,300	251,500
Arkansas	27,300	23,050
Eastern (not including Michigan)	112,200	116,000
Michigan	29,200	29,000
Wyoming	40,100	48,800
Montana	14,400	16,450
Colorado	4,500	3,550
New Mexico	79,800	92,850
California	559,900	583,400
Totals	2,998,400	3,194,050

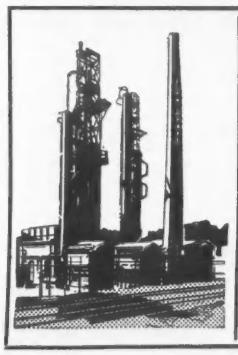
The State of the Petroleum Market

Crude oil prices were advanced in the Central Western fields at Lima, Illinois, Princeton and Michigan; East Texas; Gulf Coast; Eastern and Western Kentucky; Louisiana-Arkansas; Midcontinent and North Texas; Corning grade crude in Buckeye lines; Rocky Mountain; South and Central Texas; the Panhandle; and in West Texas. Gasoline prices advanced one-half cent per gallon at East Coast refineries and in the Group 3 sector. Retail gasoline prices advanced in New York, New England, throughout the Middle Atlantic States, in Detroit and the Michigan Peninsula, in Pennsylvania and throughout the State of Texas.

	Feb. 5	Jan. 29	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.354	$1.312	$1.252
Gasoline prices at refineries (at four refining centers) per gallon	.0571875	.0534375	.0553125
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1920	.1905	.1907

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

White Oils ~ All Grades
PETROLATUMS
DI-BUG PYRETHRUM PRODUCTS
SHERWOOD PETROLEUM CO., Inc.
REFINERY — WARREN, PA. BUSH TERMINAL — BROOKLYN, N. Y.



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ard Oil Company of New Jersey throughout its territory. The area in which the advance took place embraced New Jersey, Maryland, District of Columbia, Virginia, West Virginia, North Carolina and South Carolina. The advance was followed by the Shell Union Oil Company.

MICHIGAN.—Tankwagon and dealer prices for gasoline were advanced 3/10c. per gallon in the lower Michigan peninsula and 6/10c. per gallon in Detroit, February 2, by the Standard Oil Company of Indiana.

NEW ENGLAND and NEW YORK.—Retail gasoline prices advanced ½c. per gallon throughout New York and New England, February 5, by the Socony-Vacuum Oil Company.

PHILADELPHIA.—Tankcar and service station gasoline prices were advanced ½c. per gallon, February 3, in Pennsylvania and Delaware, by the Atlantic Refining Company.

TEXAS.—Retail gasoline prices were advanced ½c. per gallon throughout Texas, February 3, by the Gulf, Humble, Magnolia, Shell and Continental Oil Companies.

Market Conditions

Gasoline.—Leading sellers advanced tankcar prices at the local refineries ½c. per gallon, Monday. Quotations at the refineries were now 7c. per gallon for 62-63 U. S. motor; 7¼c. per gallon for 65 octane, U. S. motor; and 7½c. per gallon for branded qualities. The increase in prices resulted from the increase in crude oil costs and was accompanied by a general boost of ½c. per gallon in the tankwagon and dealer prices along the middle Atlantic seaboard. Prices for tankwagon buyers and dealer quotations in New York and New England followed later in the week. The market was favored with a good deal of jobber buying in the early part of the week and most of the offerings under the market price were absorbed by this type of buying with little remaining for open sale by the end of the week. Export prices at the U. S. Gulf were higher albeit the price of U. S. motor continued at 5⅝c. per gallon. Other grades for export at the Gulf were quoted as follows:—60-62, 400 e.p., 5¾c. per gallon, up ⅛c.; 60-62, 390 e.p., 5⅞c. per gallon, up ⅛c., and 64-66, 375 e.p., 5⅞c. to 6c. per gallon, also up ⅛c. per gallon. Bulk gasoline exports for December last year totaled 1,573,328 barrels with a value of $3,630,680.

Kerosene.—Prices at the local refineries did not undergo any change during the week. Quotations for 41-43 water white material continued at 5¾c. per gallon for tankcars, basis refinery. The demands of the market were lively and the market was quite strong. Export quotations at the U. S. Gulf continued at the basis of 5c. per gallon for prime white and 5¼c. per gallon for water white.

Fuel & Gas Oils.—The bunker oil advance of a week ago was not extended last week and prices for C grade at the local terminals remained at $1.20 per barrel. Diesel oil held its long standing position of $1.85 per barrel, also at terminals. Fuel oil demands were active and the prices were strong.

Lubricating Oils.—Pennsylvania oils did not advance beyond their position of a week ago but the market was very firm and the sellers were not anxious to give long options. The cylinder oil market was very tight and supplies were difficult to obtain even for forward position. Bright stocks were also strong. December exports of cylinder oils totaled 225,047 barrels while exports of red and pale oils totaled 369,059 barrels and black oils exported during that month totaled 28,663 barrels, according to the National Petroleum Association. The Bureau of Internal Revenue has held that a distilling or refining process which separates from used or waste lubricating oils semi-bright stocks or neutrals, or other fractionated products, constitutes the production of lubricating oils within the meaning of article 40 of Regulations 44 (1934), and that the tax imposed by section 601(c)1 of the Revenue Act of 1932, as amended, attaches to the sale or use of such products for lubricating purposes by the manufacturer or producer thereof. Any person who produces lubricating oils from used waste oils by such a process is required to register and file bond as a manufacturer or producer of lubricating oils, as provided in articles 8 and 9 of Regulations 44 (1934).

Crude Oil Price Changes

Central West

Ohio Oil Company advanced prices January 28, as follows:—Lima, up 10c. to $1.25 per barrel; Illinois, up 12c. to $1.35; Princeton, up 22c. to $1.35 per barrel. These prices succeed postings of September 22 and January 9, 1936.

Pure Oil Company advanced Midland, Michigan, crude 10c. per barrel, January 29, $1.42, succeeding posting of September 16, 1936.

East Texas

Prices advanced 12c. per barrel, January 28, to $1.27. The higher prices were posted by Humble Oil & Refining Company, the Texas Company, Empire Oil & Refining Company, Magnolia Petroleum Company, and Sun Oil Company. These postings succeed those of January 9, 1936.

Gulf Coast

Sun Pipe Line Company advanced prices at Spindle Top, Sour Lake, Saratoga, Humble, Goose creek, Hull, Orange, Dayton, Batson, Liberty, Barbers Hill and Esperson, 3c. to 19c. per barrel, January 28. The schedule was now 95c. per barrel for below 21 gravity, with 21-21.9 at 98c. per barrel and a 3c. differential for each gravity up to 26, 26.9 at $1.13 per barrel, and a 2c. differential thereafter for each additional gravity up to 40 and above at $1.41 per barrel. This succeeds posting of January 8, 1936.

Texas Company posted Gulf Coast at 90c. for below 18 gravity with 18-18.9 at 92c. and a 2c. additional differential for each gravity up to 21-21.9 at 98c. and a 3c. differential thereafter up to 26-26.9 at $1.19 and a 2c. differential for each additional degree of gravity up to 34 and above at $1.29. Pools included in this posting were:—Arriola, Five Corners, Greta, Humble, Liberty, Manvel Markham, Mauritz, McFaddin, Pickett Ridge, Port Neches, Saxet, Sour Lake, Taft, West Columbia and Withers in Texas; and, Caillou Island, Dog Lake, Four Isle, Gillis, Iberia, Lake Barre, Lake Pelto, Leesville and Port Barre in Louisiana.

Kentucky

Prices for Western Kentucky (Owensboro) advanced 12c. to $1.40 per barrel January 28, by the Ohio Oil Company. This succeeds posting of November 5, 1936.

Prices for Eastern Kentucky advanced 12c. January 29, to $1.42 per barrel for Big Sandy river production and $1.50 per barrel for Kentucky River production, by the Ashland Refining Company. These prices succeed posting of January 10, 1936.

Louisiana-Arkansas

Arkansas Fuel Oil Company posted the following price increases January 28:—Caddo, Homer, Haynesville and Cotton Valley, up 12c. to 90c. per barrel for below 25 gravity with 25-25.9 at 92c. and a 2c. differential for each additional gravity up to 40 and above at $1.22 per barrel; Rodessa, up 15c. to 93c. per barrel for below 25 gravity with 25-25.9 at 95c. and a 2c. differential for each additional gravity up to 40 and above at $1.25 per barrel; Smackover up 15c. to 90c. per barrel and Urania, up 5c. per barrel to $1.02 per barrel.

Standard Oil Company of Louisiana's posting, January 28, was the same as the aforementioned at Rodessa, Smackover, and the fields of Caddo, Homer, Haynesville and Cotton Valley. Posting at the latter four fields also applied at Sabine, De Soto, Bunkie, Sarepta, Carterville and Miller Country.

Magnolia Petroleum Company's posting was the same as as aforementioned for Smackover, Rodessa, Cotton Valley and Haynesville. Postings at the latter two fields also applied at Pine Island, Bull Bayou, Eldorado and Rainbow. Cameron Meadow, Iowa and Lockport were posted at 90c. per barrel for below 21 gravity with 21-21.9 at 93c. and a 3c. differential up to 26-26.9 at $1.08, and a 2c. differential thereafter for each degree of gravity up to 40 and above at $1.36 per barrel.

Texas Company posted Smackover at 90c. per barrel and the North Louisiana fields at 94c. per barrel for below 27 gravity with 27-27.9 at 96c. and a 2c. differential for each additional degree of gravity up to 40 and above at $1.22 per barrel.

Continental Oil Company advanced prices at Tepetate, 12c. to $1.24 per barrel, January 28. This succeeds posting of January 4, this year.

Midcontinent

Prices for Oklahoma-Kansas were increased 12c. January 28, Magnolia Petroleum Company and Midcontinent Petroleum Corporation posted 98c. per barrel for below 25 gravity with 25-25.9 at $1 per barrel and a 2c. differential for each additional degree of gravity up to 40 and above at $1.30 per barrel. Other buyers posted $1.06 per barrel for oil below 29 gravity and followed the remainder of the aforementioned schedule. These buyers included Barnsdall Oil Company, Gulf Oil Corporation, H. F. Wilcox Oil & Gas Company, Empire Oil & Refining Company and the Continental Oil Company.

Continental Oil Company, Magnolia Petroleum Company and Texas Company posted North Texas crude at 96c. per barrel for below 29 gravity with 29-29.9 at 98c. and a 2c. differential for each additional gravity up to 40 and above at $1.20 per barrel. Gulf Oil Corporation posted the Altus and Tipton in Oklahoma at this schedule.

Pennsylvania

Prices for Corning grade advanced 10c. per barrel, January 29. South Penn Oil Company now posted $1.42 per barrel, succeeding posting of September 18, 1936.

Rocky Mountain

Prices were advanced by Stanolind Oil & Gas Company, January 28, as follows:—Dutton Creek, $1.06 for below 29 gravity with 29-29.9 at $1.08 and a 2c. differential for each additional gravity up to 40 and above at $1.30 per barrel; Elk Basin, $1.30, up 12c.; Frannie (light), 82c., up 12c.; Grass Creek (light), $1.30, up 12c.; Greybull, $1.30, up 2c.; Iles (light), $1.18 and the heavy grade $1.12; Midway, same schedule as Dutton Creek; Salt Creek, same schedule as Dutton Creek; and Torchlight, $1.30 per barrel.

Ohio Oil Company posted advances as follows:—Big muddy, $1.23 per barrel; Elk Basin, $1.30, up 12c.; Grass creek (light), $1.30; Lance Creek, 97c.; Rock Creek, $1.20½ and Sunburst, $1.20 per barrel.

Continental Oil Company named reductions from their January 4 schedule and posted the following prices January 28:—Canon City-Florence, $1.10 per barrel, reduced 5c.; Cat Creek, $1.40, reduced 5c.; Big Muddy, $1.18, reduced 5c.; and Lance Creek, 97c. per barrel, reduced 5c.

South and Central Texas

Prices posted by Magnolia Petroleum Company, January 28, were as follows:—Darst Creek, $1.09 per barrel, up 12c.; Luling, $1, up 10c.; Lytton Springs, $1.12, up 12c.; Cleveland-Liberty, $1.27, up 17c.; Hardin-Liberty, $1.15, up 12c.; Mirando, on a gravity basis at 90c. per barrel for below 21 gravity with 21-21.9 at 93c. and a 3c. differential for each additional gravity up to 26-26.9 at $1.08 and thereafter a 2c. differential for each degree of gravity up to 40 and above at $1.36 per barrel (field formerly posted at 90c. flat); Cass and Panola counties, at 93c. for below 25 gravity with 25-25.9 at 95c. and a 2c. differential for each additional degree of gravity up to 40 and above at $1.25 per barrel (this represented a change in gravity brackets and an average increase of 11c. over Cass posting on May 1, 1936, and and average increase of 13c. over Panola posting January 9, 1936); and Tomball, which was formerly posted flat at $1.30, was now on a gravity basis at $1.20 for below 29 gravity with 29-29.9 at $1.22 and a 2c. differential for each additional gravity up to 40 and above at $1.44 per barrel.

Texas Company posted Cass county at $1.25 per barrel flat, an increase of 15c.; Darst Creek at $1.09, an increase of 12c.; Duval county at $1, an increase of 10c. per barrel. Conroe posted at $1.34 per barrel for 35-35.9 gravity and a 2c. differential for each additional gravity up to 40 and above at $1.44 per barrel.

Sun Oil Company posted Conroe at $1.20 per barrel for 29 gravity with 29-29.9 at $1.22 and a 2c. differential for each degree of gravity up to 40 and above at $1.44 per barrel.

Panhandle Texas

Prices were increased 5c. to 10c. per barrel at Carson, Hutchinson and Gray counties, January 28. Magnolia posted Gray at 96c. for below 35 gravity with a 2c. differential for each additional degree of gravity up to 40 and above at $1.08 per barrel; Carson and Hutchinson were posted 5c. lower than the Gray County schedule. H. F. Wilcox Oil & Gas Company posted the same schedule for Gray while Continental posted the Carson-Hutchinson schedule named by Magnolia and the Texas Company.

West Texas

Magnolia Petroleum Company posted advances of 3c. to 18c. per barrel at Crane, Upton, Howard, Glasscock, Mitchell and Winkler counties, January 28. New prices were 78c. per barrel for oil below 26 gravity with 26-26.9 at 80c. per barrel and a 2c. differential for each gravity up to 40 and above at $1.08 per barrel.

Stanolind Oil & Gas Company posted Hogback (N. M.) at $1.33 per barrel, an increase of 12c. per barrel.

Gulf Oil Corporation posted Lea (N. M.) at 85c. per barrel for below 29 gravity with 29-29.9 at 86c. with a 2c. differential for each additional gravity up to 36 and above at $1 per barrel; Texas Company posted 78c. for below 26 gravity in this field and in Winkler county, Texas.

Markets at Other Centers

Tulsa, Feb. 4.—The problem of locating supplies of burning oils was again uppermost last week. It was no longer a matter of price. Buyers have been bidding premiums for several grades of distillates which ordinarily were obtained at concessions from the top grade but no important volume of material came onto the market. Prices were up ¼c. compared with the prices prevailing prior to the crude oil price advance but the supply is much tighter than a week or ten days ago. It might be said that there is actually a shortage impending. Buyers were obtaining a fractional part of their requirements.

Unquestionably the demand for these fuels was so much broader this year it has exceeded all expectations. And due to the fixed production of refineries, increasing the supply to meet present requirements becomes more of a problem. This is despite the fact that refineries were operating at an average of 10 percent above last year. An Oklahoma plant that has been shut down for some time resumed operations during the past week.

Kerosenes were also ¼c. higher this week, mostly as a result of the crude advance, although the demand for this product has likewise become of record proportions.

The advancing base of the raw material forced a general advance in motor fuel of ½c. to the trade

The tightness of the burning oils for domestic use has also reached the industrial grades and this week there are fewer offerings in the various grades of fuel oils than has been observable for some time.

GASOLINE (refinery).—A wide range of prices prevailed from quotations in the spot market and those for contract. The market was unsettled and it may require another week or ten days to narrow down the differential. This condition which prevailed prior to the crude advance has been aggravated by it. The contract prices for U. S. motor has been put up to 5⅜c. per gallon but some spot sales have been effected this week almost one cent lower. The 63 to 67 octane was quoted at 5⅞c. per gallon while the spot quotations were 5½c. per gallon and the 68-70 grade is generally 6c. to 6⅜c. per gallon.

KEROSENE.—Only a small differential prevailed between spot and contract markets. The prices ranged from 4⅛c. to 4⅜c. per gallon for the 41-43 grade to 4¼c. to 4½c. for the 42-44 grades.

DISTILLATES.—There was hardly any differential in this market between spot and contract. Some premiums were reported to have been paid by buyers during the week. The prime white 38-40 was 4¼c. per gallon while the No. 2 was 3¾c. to 4c., and No. 3, 3⅝c. to 3⅞c. per gallon.

LUBRICANTS.—A one-half cent advance was posted and new prices ranged from 16c. to 21½c. in bright stocks and from 9c. to 15c. in neutrals, while light blends were from 12 1/5c. to 18½c. per gallon.

FUEL OILS.—The gravities below 18 have been advanced to 80c. to 85c. in the contract market while the 22-24 degree low cold test was $1 to $1.10 and the 15 and above cold test was 80c. to 87½c. per barrel.

NATURAL GASOLINE.—A large demand in Texas boosted the price another ¼c. and wiped out the differential existing with Oklahoma. For the 26-70 grade a 3½c. price prevailed in both states; however, it was expected that Oklahoma prices too would move upward possibly another ¼c. if the demand for shipment North came into the market. In the meantime the 18-pound grade was 4.20c. a gallon and the 22-pound, 3.85c. per gallon.

Chicago, Feb. 4.—Tankcar petroleum products prices have had a generally healthier tone since the crude price advances late in January. While gasoline has not advanced in any spirited fashion, the heavier products are mostly strong. Gasoline of course is being affected by seasonal weather conditions, which are cutting consumption to quite an extent. Sufficient material has been offered to keep tone from getting very strong. Kerosene is admitted to be in a healthy position, despite the fact farm area demand will not be noticed for some time. Currently the high grade heating oils are steady, and in brisk demand, while the heavier products, for either domestic or industrial use, remain exceptionally strong and moving higher. Lubricants are firmer.

GASOLINE.—Low octane motor, 4¾c. to 4⅞c. per gallon; middle octane motor, 5⅛c. to 5¼c.; high octane motor, 5¾c. to 5⅞c.; 60-62, 400, 4¾c. to 5c.; 64-66, 375, 5c. to 5¼c.; 68-70, 360, 5¼c. to 5½c.

(Continued on page 58)

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1937 Jan. 1-Feb. 6	1936 Jan. 1-Feb. 6
Commercial crude oil production	116,737,000	104,176,000
	Week ended Feb. 6, 1937	Week ended Feb. 8, 1936
Daily average production	3,175,800	2,861,600
	Week ended Jan. 30, 1937	Week ended Jan. 23, 1936
Estimated motor fuel stock total	69,540,000	68,180,000
Estimated finished motor fuel stock at refineries	43,166,000	41,906,000

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

Fertilizer Materials

Organic Ammoniate Prices Continue to Ease—Offerings Larger Here and in West—California Cold Moderates—Bone Materials Higher—Trade Quiet

Further ease in the prices for animal ammoniates marked an otherwise very quiet period in the fertilizer raw materials market last week. Packing house by-product ammoniates continued along their indicated course of a week ago and offering prices were lower in almost every marketing center. The offerings for sale were larger in all quarters. And, with general trade at a low point, organics were expected to undergo further moderation, even though the current off movement of the market might be only a temporary affair.

Rains in the South have been delaying soil preparation, and there has not been much call for deliveries of materials.

Communication with the flood district was still difficult last week and raw materials suppliers seeking to contact their customers in the Mississippi and Ohio valley sector could not obtain much information on the amount of damage or ascertain the probable needs of fertilizer replacements for when the flood waters subside. Most sulphate of ammonia suppliers were able to switch deliveries of material from ovens in sections outside of the flood's path.

The California freeze moderated, but according to the reports from the West Coast the damage has been done in the citrus belt and there was not much of a demand expected over the remainder of this season.

Phosphatic bone prices were higher in the Chicago market last week, and imported bone materials held to their recently advanced positions. The bone products did not evidence any sign of easing such as that which has taken place in the animal ammoniates during the past two weeks.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Bone, steamed, 1¼ & 60, Chicago, $2 per ton.
Import, 1 & 65-70, $1 per ton.
meal, 3 & 50, Chicago, $2 per ton.

Reduced

Blood, dom., Chicago, 15c. per unit.
New York, 5c. per unit.
import, 10c. per unit.
Tankage, dom., Chicago, fert. grade, 25c. per unit-ton.
feeding grade, 65c. per unit-ton.
New York, 10c. to 15c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
64.0	64.0	64.0	57.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The market held a steady position, and as indicated previously, it did not appear at this time as though prices would follow the recent upward movement taken by sulphate of ammonia and cyanamid. Rains have been delaying the season in the South. According to a Department of Commerce report, Chilean nitrate shipments for the first eleven months of 1936 totaled 1,179,651 metric tons, of which 475,254 tons came to United States; 493,968 tons to Europe; 120,627 tons to Egypt; 33,355 tons to Japan; and the remainder divided among several countries.

Sulphate of Ammonia.—This commodity was steady at its recently advanced position. So far as could be learned, there was not much semblance of a resale market. December production of ammonia, in terms of the ammonia sulphate equivalent of all forms, as estimated by the Bureau of Mines from by-product coke operations, was 69,563 tons or 7.5 percent over the 64,709 tons produced in the preceding month. The December output was by far the largest monthly production during 1936 and compared with the December, 1935, production of 52,965 tons. Estimated output for the year 1936 was 709,485 tons against 545,312 tons in 1935 and 471,800 tons in 1934. The 709,485 figure is, of course, a preliminary figure as is subject to revise when the final census is taken.

Dried Blood.—The markets continued to show an easing tendency last week. Imported material for March-April shipment was offered at $4 per unit, a reduction of 10c. from the figures named a week ago. In Chicago the best grades were reported available at $4.50 per unit, a decline of 15c. per unit from a week ago. And, in New York, the generally asked price toward the latter part of the week was $4.25 per unit, against $4.30 a week ago. Even the $4.25 price here was considered soft.

Castor Pomace.—A sale of domestic material was registered last week at $23 per ton, f.o.b. producing point. There has been no foreign material offered here for months and the domestic article was becoming increasingly difficult to get, particularly since the strike in the automobile industry, which has halted the demand and the production of oil for use in automobile fabric finishes.

Fish Scrap.—There was practically no activity in the market last week. Japanese sardine meal was an idle commodity and quotations remained as they were a week ago. The domestic supply of menhaden meal was light and the price remained nominally around $58 per ton at Baltimore.

Hoof Meal.—The Chicago market continued unchanged last week with $3.50 per unit quoted and with little interest on the part of purchasers.

Nitrogenous Material.—The market did not show much progress last week. Prices continued without a reported change. Norfolk quotations ranged from $3.60 to $3.75 per unit, and a sale was reported at another East Coast point at around $3.60 per unit. The Western market continued steady and unchanged.

Tankage.—Quotations were off in all domestic markets. Fertilizer grade material in Chicago was named at $3.75 and 10c. per unit-ton, a decline of 25c. from the preceding week's figure; high-grade feeding stocks were off precipitately at $4 to $4.25 and 10c. per unit-ton, compared with a market of $4.65 and 10c. per unit-ton a week ago. In the local market, both ground and unground were offering at $4.25 and 10c. per unit-ton, compared with $4.35 and 10c. and $4.40 and 10c. a week ago. The imported article was nominally $4.25 and 10c. per unit-ton with little offered.

Potashes

The market for potash sales was quiet all week. Sellers finished up deliveries on contracts before the beginning of the month and were resigned to a period of quiet, which should extend through the remainder of the month. It was believed that buyers would not be able to foretell their spot requirements at least until the end of this month. The trade seemed comfortably covered on the season's needs and the sellers did not expect to book more than a moderate tonnage for the spot season. Favorable weather conditions, however, should have a broadening affect upon spot market needs.

Phosphates

Bone products continued in a strong position and the market moved higher on all grades in Chicago and imported 1 and 60-70 steamed bone. There was not much buying interest reported, however. Superphosphate production in 1936 was 2,934,058 tons (expressed in equivalent tons of 16 percent a.p.a.) and compared with 2,486,043 tons in 1935, according to the National Fertlizer Association compilation. Shipments in 1936 totaled 3,477,458 tons against 2,808,591 tons in 1935; stocks December 31 last year were 1,535,208 tons against 1,567,747 tons at the end of 1935. The December production of 340,964 tons compared with 280,373 tons in December, 1935, and the December shipments were 197,518 tons against 149,393 tons in December, 1935.

Bone Materials.—Prices for imported 1 and 65-70 percent steamed bone were $1 per ton higher last week at $26 per ton, c.i.f. ports. Quotations for 3 and 50 meal for April shipment from abroad continued at $26.25 per ton. Raw 4½ and 50 bone in Chicago was quoted at $28 to $30 per ton with very little offered. The price for steamed 1¼ and 60 in Chicago was named at $20 to $22 per ton, an advance of $2 per ton; quotations for 3 and 50 meal were advanced to $23 to $25 per ton against recent quotations of $19 to $21 per ton.

Superphosphate.—The market was in a firm position last week. There was not much of a movement against contracts, but the prices held firmly.

Sulphur and Pyrites

Although handicapped by the automobile strike and its affect upon steel production for bodies, and, by the floods in the Central West, the tonnage of sulphur moving from the mines has been fairly good. Barge traffic on the Mississippi river has been halted and rail deliveries into Kentucky, parts of West Virginia and Tennessee and other sections in the flood zone were under an embargo status. It was understood that some plants in the Ohio river valley and the upper Mississippi had expected a freeze for some time during the Winter months and had arranged for delivery of a six to eight weeks' supply of sulphur in the closing weeks of 1936, in order to be insured of uninterrupted manufacturing operations in event the freeze came. Hence, many acid plants and steel mills in the river sector were fairly well supplied with sulphur for use when the river waters subsided. According to sulphur suppliers, there is no permanent damage to sulphur by water submersion.

Markets at Other Centers

Atlanta, Feb. 3.—Fertilizer materials moved slowly but in increasing amounts. Weaker organic ammoniates did not reflect in cottonseed meal, which held steady but is still the cheapest source in the South.

Sulphate of ammonia was reported steady at the price advance established February 1, with prospects of an active demand on the part of small manufacturers and mixers. No change was reported in nitrate of soda prices for which an active demand was expected as the season advances.

Land preparation continued delayed by an unprecedented, long, rainy season in the South, which indicated delayed movement of fertilizers to the farms.

Quotations on fertilizer materials in this market were as follows:—

SUPERPHOSPHATE.—$11.30 per ton, interior producing points.

NITRATE OF SODA.—Bulk, port basis, $25.50 per ton.

SULPHATE OF AMMONIA.—$27 per ton, ports and Southern producing points.

COTTONSEED MEAL.—7 percent protein, $34 per ton, interior producing points.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

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NITROGENOUS.—$3.60 per unit, midwest producing points.

BLOOD.—Imported, $4.10 per unit, port basis.

TANKAGE.—$4 to $4.10 and 10c. per unit, Chicago.

CYANAMIDE.—$1.07½ per unit, Atlantic ports, $1.12½c. per unit, Gulf ports.

Natural Nitrate of Soda
Natural Potash Nitrate
Natural Iodine

CHILEAN NITRATE SALES CORPORATION
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Baltimore, Feb. 4.—With the outlook in the fertilizer manufacturing industry rendered additionally uncertain by floods, the market for crude stocks here marked time last week. Offerings of supplies did not attain large proportions and a definitely firm tone was noted in some divisions. The quotations mentioned were as follows:—

FISH SCRAP.—Quotations held around $4.25 and 10c. per unit-ton and upward on unground for resale. Domestic fish meal was still quoted around $58 per ton, with buyers disposed to hold off on all but prompt material. The figures named on Japanese sardine meal stood at $50 per ton, c.i.f., in round quantities for April-May delivery, while later months were obtainable at approximately $45 per ton.

TANKAGE.—Quotations ranged around $4.50 and 10c. per unit-ton for ground and around $4.15 and 10c. to $4.25 and 10c. per unit-ton for unground.

BLOOD.—This item was priced at $4.40 per unit for domestic, with South American obtainable at $4.10 per unit for February shipment, c.i.f. at ports.

GARBAGE TANKAGE.—Quotations were $8.25 to $8.50 per ton, f.o.b. shipping point, which would make the Baltimore figures about $12 to $12.50 per ton.

BONE.—The quotations on 4½ and 50 ground raw bone were still at $37 to $38 per ton, with 3 and 50 steamed stocks at $28.50 per ton, f.o.b. shipping point, for domestic material. Foreign supplies have been quoted as low as $23 per ton for future shipment.

Chicago, Feb. 4.—A somewhat mixed situation was reported in the general fertilizer materials situation. Buying has been along spotty lines, and offerings seemed irregular. As a result, some sections were firm, others easy. Blood was mostly showing a slightly easier tone, although it cannot be called weak at this point. Prices were a little lower in some quarters. In the case of tankage, views conflicted. There were some offerings. Buying was moderate. Bone materials have been mostly on the firm side, with some price mark-ups reported; bone meals strong and generally meeting with a good demand.

BLOOD.—Principal grade, $4.50 to $4.60 per unit of ammonia.

TANKAGE.—High grade, $3.75 to $4 and 10c.; low grade, $19 to $20, Middle West; liquid stick, $2.55 to $2.75; hoof meal, $3.40 to $3.50.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $20 to $22; 3 and 50 percent, $23 to $25; 4½ and 50 percent, $28 to $30; grinding hoofs, pigs' toes and waste horn materials, $22 to $23; junk and hotel kitchen bones, $20 to $22; cattle jaws, skulls and knuckles, $30 to $31; pork cracklings, sott pressed, $65 to $70; beef cracklings, soft pressed, $55 to $60; hard pressed cracklings, per unit of protein, 97½c. to $1.02½.

San Francisco, Feb. 2.—Renewed prospects of some further business in fertilizers became apparent last week as one of the worst cold snaps in the history of this section was broken, temporarily at least. Further inclement weather conditions, however, may be expected, it was seen. Damage to the citrus growing section has been very heavy and some curtailed buying is to be expected from that territory, according to the trade. In the meantime, the fertilizer market in general has been quiet, although delivery demand continued to force an influx of foreign inorganic supplies to California points via rail through the port of Vancouver, where Pacific Coast deliveries have been landed during the maritime strike. Fish meals in last week's trading sluffed off, demand becoming easier. Tankage, blood and bone remained about steady.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags,

(Continued on page 58)

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Imports at U.S. Ports

New York Imports

ACID, COTTONSEED OIL—132 bbls, Kyno, Hull
CRESYLIC—20 dms, American British Chemical Supplies, American Shipper, Manchester
80 dms, Monsanto Chem Co, American Shipper, Liverpool
142 dms, Monsanto Chem Co, Lancastria, Liverpool
NAPHTHENIC—61 Socony Vacuum Oil Co, Sagaporack, Gdynia
SPERM OIL—178 bbls, Woburn Degreasing Co, Beemsterdijk, Rotterdam
ALBUMEN, BLOOD—1 ck, Cameronia, Glasgow
EGG, HEN—8 cs, Arnhold & Co, Antonia, London
ALCOHOL, SULPHONATED—6 cks, Asiatic Petroleum Corp, Beemsterdijk, Rotterdam
ALUMINUM LEAF—59 cs, F C Gerlach & Co, Columbus, Bremen
AMMONIA, CARBONATE—7 dms, American British Chem Supplies, Cameronia, Glasgow
PHOSPHATE, DIBASIC—181 bgs, 40,178 lbs, Synthetic Nitrogen Prod Corp, New York, Hamburg
SULPHATE — 500 bgs, Bradley & Baker, Beemsterdijk, Rotterdam
ANGELICA ROOT—1 cs, W A Gilbey Co, President Harding, Southampton
ANISE—35 bgs, Lancastria, Liverpool
ANNATTO SEED—16 bgs, Schutte & Focke, San Juan, Azua
1 bg, Bank of Manhattan, Haiti, Kingston
20 bgs, D Steengrafe, Haiti, Kingston
150 bgs, Barclay Bank, Toloa, Kingston
ANTICHLOR—20 cks, 2,464 lbs, New York, Hamburg
ANTIMONY, METAL—17 cks, 5 tons, 5 cwt, 2 qtrs, 16 lbs, Stanley Fullwood, Lancastria, Liverpool
ORE—350 bgs, Philipp Bros, Santa Maria, Antofagasta
1,447 bgs, Santa Maria, Antofagasta
ARECA NUTS—53 bgs, R J Prentiss & Co, Kota Inten, Padang
58 bgs, Catz American Co, Kota Inten, Padang
60 bgs, Kota Inten, Padang
ARSENIC—201 bbls, American Smelting & Refg Co, Agwistar, Tampico
METAL—20 cks, 4,884 lbs, Philipp Bros, New York, Hamburg
ARTIST'S MATERIAL—2 cs, Winsor & Newton, American Merchant, London
ASBESTOS—350 bgs, Johns Manville Co, Atlantic, Cape Town
300 bgs, Standard Bank of S A, Atlantic, Cape Town
864 bgs, Atlantic, Cape Town
1,000 bgs, Raw Asbestos Distr Ltd, Atlantic, Beira
ASPHALT—250 bgs, A V Berner & Co, Siboney, Havana
3,030 cakes, Columbus, Bremen
BABASSU KERNELS—86 bgs, General Foods Corp, Cabedello, Bahia
BERRIES, MEDICINAL—5 bgs, American Merchant, London
BITUMEN LIQUID—1 dm, Beemsterdijk, Rotterdam
BONE MEAL—544 bgs, Teresa, Fiume
400 bgs, 40,260 lbs, New York, Hamburg
BRISTLES—6 bbls, 7 cs, Draeger Shipping Co, Beemsterdijk, Rotterdam
6 cs, Globe Shipping Co, City of Fairbury, Gdynia
4 cs, S Hirshenborn & Son, Tai Ping, Shanghai
40 cs, S Hirshenborn & Son, Tai Ping, Tsingtao
34 cs, Chesnut, Cooper & Co, Tai Ping, Tsingtao
10 cs, F E Wallace & Co, Tai Ping, Chung King
9 cs, Chesnut, Cooper & Co, Tai Ping, Kobe
22 cs, F H Cone & Co, Tai Ping, Kobe
50 cs, Guaranty Trust Co, Tai Ping, Chung King
70 cs, N Wagman & Co, Tai Ping, Tientsin
14 cs, F H Cone & Co, Tai Ping, Shanghai
7 cs, J H Schroeder Banking Corp, American Merchant, London
21 cs, American Merchant, London
21 cs, F H Cone & Co, Seisho, Kobe
5 cs, H Rosenhirsch & Co, Seisho, Kobe
1 cs, H Rosenhirsch & Co, Hoegh Carrier, Kobe
12 cs, Globe Shipping Co, New York, Hamburg
3 cs, M Broverman & Son, Berengaria, Southampton
BRONZE POWDER—29 dms, New York, Hamburg
CAMPHOR—350 cs, F W Woolworth Co, Hoegh Carrier, Kobe
REFINED—150 cs, C L Huisking & Co, Tai Ping, Kobe
CANARY SEED—120 bgs, Examiner, Istanbul
CARAWAY SEED—100 bgs, 11,000 lbs, M Witsenburg, Beemsterdyk, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Beemsterdyk, Rotterdam
300 bgs, 33,000 lbs, R L Friedler, Beemsterdyk, Rotterdam
100 bgs, 11,000 lbs, Exermouth, Tunis
CARBON DECOLORIZING—181 bgs, Corn Product Rfg Co, Teresa, Venice
CARDAMOM—63 tins, 6 cs, 3 dms, P H Petry & Co, Musa, Porto Barrios
10 cs, Silvercedar, Bombay
CAROB BEAN MEAL—40 bgs, 22 tons, 2 qtrs, 24 lbs, Lancastria, Liverpool
CASEIN—118 bgs, C W Burckhalter, President Harding, Hamburg
134 bgs, D C Andrews & Co, New York, Hamburg
CASSIA—40 baskets, J F Frank, Soemba, Bonthain
387 bls, Soemba, Padang
533 pkgs, H P Winter & Co, Kota Inten, Padang
ROLLS—17 bls, Wood & Selick, Tai Ping, Hongkong
CASTOR BEANS—7,562 bgs, Cabedello, Bahia
CELERY SEED—507 bgs, Chartered Bank of India, Australia & China, Silvercedar, Karachi
290 bgs, O G Lind Corp, Silvercedar, Karachi
658 bgs, Silvercedar, Karachi
34 bgs, Silvercedar, Bombay
CHALK, PRECIPITATED—400 bgs, Ellis A Beaumont, Seisho, Kobe
CHAMOIS—1 cs, Jos Bloch, Paris, Havre
CHAMOMILE FLOWERS—14 cs, 3,044 lbs, J L Hopkins & Co, New York, Hamburg
CHARCOAL—176 cs, General Food Corp, Tai Ping, Manila
CHEMICALS—125 cks, Charles Hardy, Lafayette, Havre
38 pkgs, French Line, Lafayette, Havre
5 cs, Givaudan-Delawanna, Lafayette, Havre
4 cs, Fred Henjes, Lafayette, Havre
2 cs, Lafayette, Havre
1 cs, Hoole Service Co, Lafayette, Havre
10 dms, Michel Export Co, Beemsterdijk, Rotterdam
25 dms, Philip Bauer Co, Beemsterdijk, Rotterdam
55 cks, 5 cs, Advance Solvents & Chem Co, Beemsterdijk, Rotterdam
2 cs, 4 cks, Beemsterdijk, Rotterdam
32 cks, Jungmann & Co, Beemsterdijk, Rotterdam
500 bgs, Chemical Bank Trust Co, Beemsterdijk, Rotterdam
224 bgs, Innis, Speiden & Co, Cameronia, Glasgow
125 bgs, Schofield-Donald Co, Cameronia, Glasgow
20 cs, P C Kuyper Co, Bremen, Bremen
15 cks, Stanley Doggett, Bremen, Bremen
38 cs, 12 cks, Bremen, Bremen
3 cs, Pfaltz & Bauer, Columbus, Bremen
150 cks, Innis, Speiden & Co, Columbus, Bremen
6 pkgs, 30 cks, Columbus, Bremen
4 cks, Stanley Doggett, Columbus, Bremen
3 cks, American Textile Engineering Co, Columbus, Bremen
6 dms, Th Goldschmidt Corp, Columbus, Bremen
2 cks, Robinson-Wagner Co, Columbus, Bremen
9 cs, Wm Neuberg, Santa Maria, Valparaiso
19 bbls, 20 bgs, Innis, Speiden & Co, New York, Hamburg
1,016 bgs, 1 ck, Advance Solvents & Chem Co, New York, Hamburg
20 cs, Hummel Chem Co, New York, Hamburg
75 cs, 40 cks, New York, Hamburg
8 cks, General Aniline Works, New York, Hamburg
28 bbls, National City Bank, New York, Hamburg
15 cs, Jungmann & Co, New York, Hamburg
20 cks, Premier Shipping Co, New York, Hamburg
5 cs, Akatos, Inc, New York, Hamburg
77 cs, Schimmel & Co, New York, Hamburg
80 dms, New York, Hamburg
2 cs, Allondon S A, New York, Hamburg
43 cks, Advance Solvents & Chem Co, Sagaporack, Copenhagen
20 bbls, 1 cs, Universal Carloading & Distr, Gripsholm, Gothenburg
11 cs, Philipp Bros, Gripsholm, Gothenburg
60 cs, Bergstrom Trading Co, Gripsholm, Gothenburg
2 cs, Lowenstein & Sons, Paris, Havre
2 cs, Gane & Ingram, Paris, Havre
CHILLIES—200 bgs, Joensson Import Corp, Seisho, Kobe
200 bgs, Joensson Import Corp, Hoegh Carrier, Kobe
CHINA CLAY—4 bgs, Yardley & Co, Antonia, London
45 bgs, Hensel, Bruckmann & Lorbacher, New York, Hamburg
CINCHONA, PROD—78 cs, 100 dms, R W Greeff & Co, Beemsterdijk, Rotterdam
CLAY—10 cks, 1 bg, A Hurst & Co, Beemsterdijk, Rotterdam
8 cks, Columbus, Bremen
950 bgs, W Manley, President Harding, Hamburg
450 bgs, W Manley, New York, Hamburg
CLOVES — 500 bls, Bank of Manhattan, Atlantic, Zanzibar
500 bls, Atlantic, Zanzibar
57 bls, Catz American Co, Kota Inten, Amboina
COALDUST—25 dms, Beemsterdijk, Rotterdam
COALTAR INTERMEDIATES—67 cks, General Aniline Works, Beemsterdijk, Rotterdam
13 dms, 25 bots, 60 cks, General Dyestuff Corp, Beemsterdijk, Rotterdam
3 cks, 56 dms, General Dyestuff Corp, Bremen, Bremen
7 dms, General Dyestuff Corp, Columbus, Bremen
3 cks, 4 cs, General Dyestuff Corp, New York, Hamburg
7 dms, 4 cks, Sandoz Chemical Works, New York, Hamburg
PRODUCT—15 cs, Allondon S A, New York, Hamburg
COBALT METAL—80 cks, Central Trading Corp, Koeningstein, Antwerp
OXIDE — 60 cks, Central Trading Corp, Koenigstein, Antwerp
COCOA BEANS—100 bgs, W & A Leaman, Martinique, Jeremie
350 bgs, Granada, Santiago
11,876 bgs, W & A Leaman, Beemsterdijk, Rotterdam
300 bgs, Beemsterdijk, Rotterdam
50 bgs, Curacao Trading Co, Haiti, Port de Paix
50 bgs Transmarine Merc Corp, Haiti, Cape Haitien
89 bgs, Curacao Trading Co, Haiti, Cape Haitien
100 bgs, Haiti, Cape Haitien
15 bgs, W & A Leaman, Ancon, Cristobal
1,000 bgs, Ancon, Cristobal
1,045 bgs, Cabedello, Victoria
3,000 bgs, Wessel, Duval & Co, Cabedello, Bahia
166 bgs, Gillespie & Co, Borinquen, Ciudad Trujillo
1,500 bgs, Atlantic, Trinidad
2,050 bgs, Medea, Puerto Cabello
300 bgs, Wessel, Duval & Co, Medea, Puerto Cabello
294 bgs, Schutte & Focke, Medea, Jeremie
80 bgs, Curacao Trading Co, Medea, Jeremie
100 bgs, Curacao Trading Co, Medea, Port de Paix
27 bgs, Medea, Port de Paix
3,094 bgs, New York, Hamburg
250 bgs, Curacao Trading Co, San Juan, Macoris
COCONUTS—971 bgs, 97,100 lbs, General Foods Corp, Manuela, San Juan
112 bgs, 11,200 lbs, J Simons & Co, Manuela, San Juan
50 bgs, 5,000 lbs, E Trucco, Manuela, San Juan
463 bgs, 46,300 lbs, I L Toledano Corp, Manuela, San Juan
953 bgs, 95,300 lbs, General Foods Corp, Musa, Porto Castilla
132 bgs, 13,200 lbs, Fruit Dispatch Co, Musa, Porto Barrios
COCONUTS—200 bgs, 20,000 lbs, Royal Bank of Canada, Haiti, Kingston
100 bgs, 10,000 lbs, Universal Import & Export Co, Haiti, Kingston
1,153 bgs, 115,300 lbs, General Foods Corp, Haiti, Kingston
300 bgs, 30,000 lbs, General Foods Corp, Ancon, Cristobal
108 bgs, 10,800 lbs, Simons & French, Borinquen, San Juan
COCONUT, DESIC—3,566 cs, General Foods Corp, Tai Ping, Manila
441 cs, Durkee Famous Foods, Tai Ping, Manila
2,521 cs, Philippine Desic Coconut Corp, Tai Ping, Manila
500 cs, Connell Bros, Tai Ping, Davao
1,317 cs, Durkee Famous Foods, Tai Ping, Manila
2,430 cs, Wood & Selick, Tai Ping, Manila
1,028 cs, Cooperative Coconut Prod Co, Tai Ping, Manila
COLORS—1 cs, L R Sartorius, Lafayette, Havre
13 cks, Fulton Dye Import Co, Lafayette, Havre
1 cs, B F Drakenfeld Co, President Harding, Havre
2 pkgs, S S Steiner, New York, Hamburg
19 cs, Fulton Dye & Import Co, Paris, Havre
66 pkgs, First National Bank of Pittsburgh, Paris, Havre
5 cks, Calco Chem Co, Paris, Havre
EARTH—42 cks, Fezandie & Sperrle, Columbus, Bremen
25 cks, Reichard, Coulston, President Harding, Hamburg
PIGMENT—1 jug, General Dyestuff Corp, Beemsterdijk, Rotterdam
CORIANDER SEED—8 bgs, Front Bros, City of Fairbury, Gdynia
1 cs, W A Gilbey Co, President Harding, Southampton
CORKS—50 bls, Cork Import Corp, Lafayette, Havre
16 bls, Lafayette, Havre
17 bls, A J Bracher & Co, Paris, Havre
36 cs, Cork Import Corp, Paris, Havre
33 bls, F G Doherty, Paris, Havre
VIRGIN—3,073 bls, Examiner, Djidjelli
WOOD—200 bls, H Suhl, Teresa, Algiers
305 bls, Wicander & Co, Teresa, Algiers
538 bls, Examiner, Djidjelli
CRESOL, SOLID—4 kegs, Monsanto Chem Co, American Shipper, Liverpool
20 dms, Monsanto Chem Co, Lancastria, Liverpool
CUMIN SEED—20 bgs, Silvercedar, Bombay
CYMOL—12 bbls, Givaudan, Delawanna, Sagaporack, Wiborg
DEXTRIN—100 bgs, Twentsche Bank, Beemsterdijk, Rotterdam
180 bgs, American Cyanamid & Chem Co, Beemsterdijk, Rotterdam
DILLSEED—86 bgs, Silvercedar, Bombay
DOGWOOD BARK—38 bgs, J L Hopkins & Co, Haiti, Kingston
DRUGS—15 cs, Lafayette, Havre
10 cs, J L Hopkins & Co, Teresa, Trieste
6 cs, R H Macy & Co, Paris, Havre
20 cs, Paris, Havre
DYES, ALIZARIN—43 jugs, 1 cs, 60 dms, 93 cks, General Dyestuff Corp, Beemsterdijk, Rotterdam
9 cans, 15 cks, General Dyestuff Corp, Bremen, Bremen
38 cks, General Dyestuff Corp, Columbus, Bremen
ANILIN—25 bbls, Geigy Co, Lafayette, Havre
49 pkgs, Carbic Color & Chem Co, Lafayette, Havre
35 bbls, Ciba Co, Carbic Color & Chem Co, Lafayette, Havre
25 dms, 2 cs, 219 cks, General Dyestuff Corp, Beemsterdijk, Rotterdam
34 kegs, Carbic Color & Chem Co, Bremen, Bremen
2 cs, 16 cks, General Dyestuff Corp, Bremen, Bremen
1 cks, 1 dm, E I Du Pont de Nemours Co, Lancastria, Liverpool
1 cs, 44 cks, General Dyestuff Corp, Columbus, Bremen
10 cks, Geigy Co, Columbus, Bremen
17 cks, 1 can, Ciba Co, Columbus, Bremen
14 pkgs, Goudrand Shipping Co, President Harding, Havre
5 cks, 1 pkg, General Dyestuff Corp, New York, Hamburg
25 dms, Sandoz Chem Works, New York, Hamburg
11 dms, National Aniline & Chem Co, Sagaporack, Helsingfors
69 pkgs, Ciba Co, Paris, Havre
FILTER, MASS—30 bls, Aug Giese & Son, New York, Hamburg
PAPER—15 cs, H Reeve Angel & Co, American Merchant, London
11 cs, H Reeve Angel & Co, Antonia, London
41 cs, New York, Hamburg
3 cs, J E Bernard & Co, Gripsholm, Gothenburg
FLAXSEED—2,500 tons, 100,000 bu, Archer-Daniels-Midland Co, Midareid, Vera Cruz, ex Navemar, Buenos Aires
900 tons, 36,000 bu, L Dreyfus & Co, Cubano, Santa Fe
FLEASEED—25 bgs, W E Martin, Silvercedar, Karachi
201 bgs, Peek & Velsor, Silvercedar, Bombay
248 bgs, Silvercedar, Bombay
FORMALDEHYDE SODA HYDROSULPHITE—100 kegs, Philipp Bros, Lancastria, Liverpool
FULLER'S EARTH—250 bgs, L A Salomon & Bros, Antonia, London
GELATIN, POWD—40 bgs, R D McLellan, Beemsterdijk, Rotterdam
10 bbls, New York, Hamburg
GENTIAN ROOT—58 bgs, R J Prentiss & Co, Teresa, Fiume
82 bgs, E Martin, Beemsterdijk, Rotterdam
GINGER ROOT—23 bgs, Bank of Manhattan, Haiti, Kingston
64 bgs, J A Manton, Haiti, Kingston
GLASS, PLATE—59 cs, S A Bendheim & Co, President Harding, Hamburg
SHEET—6 cs, Ford Motor Co, Bremen, Bremen
WINDOW—168 cs, L Solomon & Son, President Harding, Hamburg
545 cs, Semon, Bache & Co, President Harding, Hamburg
7 cs, Leo Popper & Son, President Harding, Hamburg
7,698 cs, Vitrea Co, President Harding, Hamburg
1,208 cs, Koenigstein, Antwerp
GLUE — 20 bgs, International Selling Corp, Lafayette, Havre
1 ck, General Aniline Works, Beemsterdijk, Rotterdam
100 bgs, L H Lang & Van Gelder, President Harding, Hamburg
109 bls, International Selling Corp, Paris, Havre
GLUE, BONE—285 bgs, New York, Hamburg
FISH—6 cs, Hudson Industrial Co, City of Fairbury, Copenhagen
GLYCERIN—80 dms, Armour & Co, Beemsterdijk, Rotterdam
30 dms, Lancastria, Liverpool
12 dms, New York, Hamburg
GRAPHITE—1 bbl, American Express Co, Paris, Havre
GREASE, WOOL—23 dms, Lo Curto & Funk, American Shipper, Manchester
16 dms, American Shipper, Manchester
25 dms, Robinson Wagner Co, American Shipper, Manchester
53 dms, 11 tons, 8 cwts, 2 qtrs, 8 lbs, C Tennant Sons & Co, Lancastria, Liverpool
100 bbls, 20 tons, 17 cwts, 12 lbs, Port Newark Chem Works, Lancastria, Liverpool
5 bbls, 1 ton, 3 qtrs, 24 lbs, Lancastria, Liverpool
GUM, ARABIC—250 bgs, McKesson & Robbins, Silvercedar, Port Sudan
150 bgs, American Cyanamid & Chem Co, Silvercedar, Port Sudan
BENZOIN—30 cs, J L Hopkins & Co, Silvercedar, Siboiga
CAROB—20 bgs, 4,470 lbs, Innis, Speiden & Co, Roma, Genoa
50 cs, 12,650 lbs, Paul A Dunkel & Co, Roma, Genoa
20 bgs, 4,470 lbs, Roma, Genoa
CHICLE—276 bls, Chicle Development Corp, Musa, Porto Barrios
COPAL—128 bskts, American Cyanamid & Chem Co, Soemba, Tominibay
200 bskts, American Cyanamid & Chem Co, Soemba, Amboina
122 bskts, New York Trust Co, Soemba, Amboina
65 bgs, 594 bskts, O G Innes Corp, Soemba, Amboina
220 bgs, France, Campbell & Darling, Tai Ping, Manila
112 bgs, Stroock & Wittenburg, Tai Ping, Manila
325 bgs, W H Scheel, Tai Ping, Manila
160 bgs, American Cyanamid & Chem Co, Koenigstein, Antwerp
660 bgs, P H Petry & Co, Koenigstein, Antwerp
200 bgs, Gillespie-Rogers-Pyatt Co, Koenigstein, Antwerp
1,900 bgs, Stroock & Wittenburg, Koenigstein, Antwerp
220 bgs, O G Innes Corp, Koenigstein, Antwerp
1 bskt, Sino Java Handel, Kota Inten, Macassar
129 bgs, 703 bskts, O G Innes Corp, Kota Inten, Macassar
133 bskts, Manufacturers Trust Co, Kota Inten, Macassar
54 bskts, O G Innes Corp, Kota Inten, Macassar
150 bskts, W H Scheel, Kota Inten, Tala
274 bskts, O G Innes Corp, Kota Inten, Amboina
318 bskts, O G Innes Corp, Kota Inten, Tala
143 bskts, O G Innes Corp, Kota Inten, Sourabaya
355 bskts, Kota Inten, Macassar
DAMMAR—100 cs, S Winterbourne & Co, Soemba, Batavia
200 cs, Soemba, Batavia
100 cs, O G Innes Corp, Soemba, Padang
100 cs, National City Bank, Kota Inten, Batavia
100 cs, S Winterbourne & Co, Kota Inten, Batavia
200 cs, G W S Patterson & Co, Kota Inten, Batavia
100 cs, Kota Inten, Batavia
ELEMI—100 cs, S Winterbourne & Co, Tai Ping, Manila
INSOLUBLE—250 bgs, Paul A Dunkel & Co, Antonia, London
KARAYA—70 bgs, Frank Vliet Co, Silvercedar, Bombay
70 bgs, Innis, Speiden & Co, Silvercedar, Bombay
PERILLA—50 bls, Chicle Development Co, Haiti, Puerto Colombia
16 bls, Chicle Development Co, Ancon, Cristobal
TRAGACANTH—14 cs, American Merchant, London
5 cs, Examiner, Istanbul
700 bgs, E Meer & Co, Antonia, London
17 cs, Antonia, London
GYPSUM, CALCINED—421 bgs, Whittaker, Clark & Daniels, Kyno, Hull
HAWTHORN BERRIES—2 bgs, 206 lbs, Freedman & Slater, New York, Hamburg
HERBS, MEDICINAL—9 bls, 3 bgs, National Carloading Corp, New York, Hamburg
HOPS—3 bls, American Shipping Co, Koenigstein, Antwerp
25 bls, R F Downing & Co, New York, Hamburg
10 bls, Southern Pacific Line, New York, Hamburg
10 bls, Atlantic Forwarding Co, New York, Hamburg
123 bls, Globe Shipping Co, New York, Hamburg
25 bls, O Seidenburg, New York, Hamburg
12 bgs, W J Honan, New York, Hamburg
15 bls, 50 cs, S S Steiner, New York, Hamburg
20 bls, Sagaporack, Gdynia
HOREHOUND LEAVES—53 bgs, 2 tons, 15 cwt, 9 lbs, J L Hopkins & Co, Lancastria, Liverpool
46 bgs, 2 tons, 6 cwt, 3 qtrs, 9 lbs, R J Prentiss & Co, Lancastria, Liverpool
INDIGO—2 cks, General Dyestuff Corp, Beemsterdijk, Rotterdam
115 cks, General Dyestuff Corp, Columbus, Bremen
IODINE — 1,926 kgs, Chilean Nitrate Sales Corp, Santa Maria, Tocopilla
680 kgs, Chilean Nitrate Sales Corp, Santa Maria, Iquique
IPECAC ROOT—17 bgs, C E Griffin & Co, Ancon, Cristobal
IRON, ORE—95 dms, 12 cks, Reichard-Coulston, American Shipper, Liverpool
OXIDE—35 cks, J Lee Smith & Co, Kyno, Hull
50 cks, 500 bgs, J Lee Smith & Co, Beemsterdijk, Rotterdam
25 cks, 3 kgs, J A McNulty, American Shipper, Manchester
23 cks, J A McNulty, Lancastria, Liverpool
10 cks, 2 tons, 5 cwt, 2 qtrs, 15 lbs, C J Osborn Co, Lancastria, Liverpool
ISINGLASS—11 cs, C H Reisig, Lancastria, Liverpool
JUNIPER BERRIES—3 cs, W A Gilbey & Co, President Harding, Southampton
KAMALA—68 bgs, W E Martin, Silvercedar, Karachi
98 bgs, Chartered Bank of India, Australia & China, Silvercedar, Karachi

KOLA NUTS—80 bgs, American Merchant, London
LICORICE PASTE—20 cs, M M Allison & Co, Teresa, Catania
LITHOPONE—700 cks, Benj Moore & Co, Beemsterdyk, Rotterdam
LOOFAH—10 bls, Williams & Wells Co, Seisho, Kobe
MACE—11 cs, C T Wilson & Co, Soemba, Minado
10 cs, Hirsch Van Siclen, Soemba, Minado
21 cs, Catz American Co, Soemba, Amboina
30 cs, B H Old & Co, Soemba, Padang
21 cs, Gallagher & Ascher, Beemsterdyk, Amsterdam
36 cs, Catz American Co, Kota Inten, Macassar
39 cs, B H Old & Co, Kota Inten, Banda
17 cs, Catz American Co, Kota Inten, Banda
9 cs, Chase Natl Bank, Kota Inten, Minado
25 cs, H P Winter & Co, Kota Inten, Padang
MAGNESIA, CALCINED—50 cs, Schofield, Donald Co, American Shipper, Liverpool
50 cs, 3 tons, 3 qtrs, 11 lbs, Schofield, Donald Co, Lancastria, Liverpool
CARBONATE—50 cks, 100 bgs, 10 cs, Schofield, Donald Co, American Shipper, Liverpool
100 cks, 4 tons, 8 cwt, 3 qtrs, 20 lbs, McKesson & Robbins, American Shipper, Liverpool
HYDRATED—25 cs, Schofield, Donald Co, American Shipper, Liverpool
MAGNESITE—1 dm, Beemsterdyk, Rotterdam
MANGROVE BARK EXTRACT—5,179 bgs, Philippine Cutch Corp, Tai Ping, Zamboanga
MANIOC FLOUR—1,000 bgs, Stein, Hall & Co, Soemba, Semarang
300 bgs, Cabedello, Rio Janeiro
MATE—50 bbls, W R Grace & Co, Cabedello, Santos
MEDICINAL PREPS—5 cs, Italian Drug Import Co, Roma, Genoa
25 cs, Beemsterdyk, Rotterdam
18 cs, Ratin Laboratory, City of Fairbury, Copenhagen
3 cs, Lo Curto & Funk, Paris, Havre
4 cs, G J Wallau, Paris, Havre
60 cs, E Fougera & Co, Paris, Havre
5 cs, Hoffmann La Roche, Paris, Havre
6 cs, Magnus, Mabee & Raymond, Paris, Havre
MENTHOL—25 cs, C L Huisking & Co, Tai Ping, Kobe
40 cs, Bridges, Neumer & Co, Tai Ping, Kobe
100 cs, Norda Essential Oil & Chem Co, Seisho, Otaru
MICA—23 cs, American Merchant, London
17 cs, Paris, Havre
MILK POWD—50 bbls, W La Poten & Co, Beemsterdijk, Rotterdam
660 bgs, Beemsterdijk, Rotterdam
MINERAL WHITE—100 cs, Lamsen Naeve Corp, Antonia, London
MOLASSES—9,120 tons, Athelchief, Danzig
MURU MURU KERNELS—773 bgs, General Foods Corp, Cabadello, Bahia
MUSTARD SEED—150 bgs, American Merchant, London
MYROBALANS—4,000 pockets, Kyno, Hull
640 bgs, Hammond & Carpenter, Silvercedar, Bombay
NAPHTHA—3 dms, D F Sallows, Paul H Harwood, Aruba
NAPHTHALENE—2,000 bgs, White Tar Co, Beemsterdijk, Rotterdam
NUTGALLS—6 bgs, E J Keller Co, Examiner, Alexandria
68 bgs, J H Lowenstein & Son, Examiner, 73 bgs, Franklin Import & Export Co, Examiner, Alexandria
NUTMEGS—32 cs, H P Winter & Co, Soemba, Menado
53 cs, Soemba, Menado
81 bgs, B H Old & Co, Soemba, Amboina
25 cs, Catz American Co, Soemba, Amboina
229 bgs, Dodge & Olcott Co, Soemba, Padang
317 bgs, Soemba, Padang
130 bgs, H P Winter & Co, Kota Inten, Padang
201 bgs, Continental Bank & Trust Co, Kota Inten, Padang
OIL, ALMOND—5 cs, Dodge & Olcott Co, Berengaria, Southampton
ANISE—5 dms, Orbis Product Corp, Tai Ping, Hongkong
CAMPHOR—5 dms, P R Dreyer, Tai Ping, Yokohama
112 dms, Mitsubishi Shoji Kaisha, Seisho, Yokohama
CANANGA—1 dm, Kota Inten, Batavia
CARAWAY—2 dms, Dodge & Olcott Co, Beemsterdijk, Rotterdam
CASTOR—269,305 kilos, Colgate-Palmolive-Peet Co, Beemsterdijk, Rotterdam
CHINAWOOD—160 tons, Mitsui & Co, Tai Ping, Shanghai
CITRONELLA—8 dms, Chase National Bank, Soemba, Batavia
6 dms, Catz American Co, Soemba, Batavia
15 dms, National City Bank, Soemba, Batavia
36 dms, Soemba, Batavia
4 dms, H P Winter & Co, Soemba, Cheribon
4 dms, American Merchant, Southampton
COCONUT—706 tons, Colgate-Palmolive-Peet Co, Tai Ping, Cebu
OIL, COD—24 dms, S Emy, Tai Ping, Yokohama
516 dms, J D Irwin & Co, New York, Hamburg
CODLIVER—2,193 dms, McKesson & Robbins, Kyno, Hull
933 dms, Kyno, Hull
CORN — 100 dms, Balfour, Guthrie & Co, Beemsterdijk, Rotterdam
200 dms, I R Boody & Co, Beemsterdijk, Rotterdam
432 dms, Corn Product Refining Co, Cameronia, Glasgow
50 dms, Lancastria, Liverpool
341 dms, Koenigstein, Antwerp
128 dms, Antonia, London
328 dms, Corn Product Refifining Co, New York, Hamburg
COTTONSEED—82 bbls, J J Gavin, City of Fairbury, Copenhagen
217 dms, Cabedello, Rio de Janeiro
783,083 kilos, Examiner, Alexandria
150 dms, Pacific Vegetable Oil Co, Hoegh Carrier, Kobe
ESSENTIAL—24 cs, Lafayette, Havre
2 dms, 41 cs, Beemsterdijk, Rotterdam
1 cs, Antonia, Southampton
26 cs, New York, Hamburg
6 cs, Berengaria, Southampton
62 cs, Paris, Havre
1 dm, Toloa, Kingston
FUEL—66,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
95,000 bbls, Standard Oil Co of N J, Esso Aruba, Aruba
76,673 bbls, Asiatic Petroleum Corp, Malvina, Curacao
71,000 bbls, Asiatic Petroleum Corp, Falkefjell, Tampico
GREASE—125 bbls, Robinson, Wagner & Co, Hoegh Carrier, Kobe
LEMON—40 cs, Lo Curto & Funk, Roma, Naples
145 cs, Teresa, Messina
LEMONGRASS—4 dms, American Merchant, London
LIME—12 cs, Hoffman Beverage Co, Antonia, London
40 cs, G Uhe & Co, Antonia, London
LUBRICATING—19 cks, C H Powell Corp, Beemsterdijk, Rotterdam
MINERAL—241 dms, New York, Hamburg
OLIVE—59 cs, Roma, Naples
471 cs, Roma, Genoa
226 cs, 51 cks, Teresa, Palermo
64 cks, F Buffa, Teresa, Palermo
25 dms, Comi Italian Trust Co, Beemsterdijk, Rotterdam
420 dms, Chase Natl Bank, Beemsterdijk, Rotterdam
50 dms, Stefano Crisafilli, Beemsterdijk, Rotterdam
200 dms, Leghorn Trading Co, Exmouth, Perama
200 dms, British French Discount Bank, Examiner, Piraeus
100 dms, Schroeder Bros, Examiner, Piraeus
50 dms, E M Sergeant Pulp & Chem Co, Examiner, Piraeus
100 dms, Berolio Import Co, Examiner, Piraeus
100 bgs, Leghorn Trading Co, Examiner, Piraeus
50 dms, E M Sergeant Pulp & Chem Co, Examiner, Mitylene
250 dms, British French Discount Bank, Examiner, Mitylene
100 dms, Leghorn Trading Co, Examiner, Mitylene
100 dms, Schroeder Bros, Examiner, Mitylene
100 dms, Berolio Import Co, Examiner, Mitylene
228 cs, Antonia, Southampton
OLIVE SULPHUR—Quantity, Teresa, Messina
140,000 kilos, Commercial Bank of Greece, Exmouth, Corfu
ORANGE—10 cs, J A Manton, Haiti, Kingston
21 cs, L A Champon, Borinquen, San Juan
21 cs, Citrus Allied Essential Co, Borinquen, San Juan
23 cs, Dodge & Olcott Co, Toloa, Kingston
PALM—100 dms, I R Boody & Co, Beemsterdijk, Rotterdam
PALMAROSA—4 pots, Volkart Bros, Silvercedar, Bombay
PALMKERNEL—543 tons, Colgate-Palmolive-Peet Co, Kyno, Hull
1,027 dms, Lancastria, Liverpool
PEANUT—266,418 kilos, Zimmerman, Alderson, Carr Co, Beemsterdijk, Rotterdam
RICE, BRAN—200 dms, W R Grace & Co, Tai Ping, Kobe
100 dms, W R Grace & Co, Hoegh Carrier, Kobe
SESAME—50 dms, Beemsterdijk, Rotterdam
509,738 kilos, Zimmerman-Alderson-Carr Co, Beemsterdijk, Rotterdam
27 dms, W C Littauer, Beemsterdijk, Rotterdam
30 dms, Haas Bros, Beemsterdijk, Rotterdam
75 dms, I R Boody & Co, Beemsterdijk, Rotterdam
SOYBEAN—150 dms, Balfour, Guthrie & Co, Kyno, Hull
125 dms, New York, Hamburg
VEGETABLE—75 tons I R Boody & Co, Black Eagle, Rotterdam
100 dms, W R Grace & Co, Tai Ping, Kobe
32 dms., Columbus, Bremen
100 dms, W R Grace & Co, Hoegh Carrier, Kobe
VETIVER—2 dms, Kota Inten, Batavia
OILSEED MEAL—3,966 bgs H J Baker & Bros, Hoegh Carrier, Kobe
ORANGE PEEL—4 cs, Greene Trading Co, American Merchant, London
1 cs, W A Gilbey Co, President Harding, Southampton
ORRISROOT—1 cs, W A Gilbey Co, President Harding, Southampton
PAINT—40 dms Chas A Redden, American Shipper, Liverpool
PAPRIKA — 75 cs, P Astarbi, Lancastria, Liverpool
430 bgs, 245 cs, Lancastria, Liverpool
25 bgs, A F Payne Co, President Harding, Hamburg
PARAFFIN—800 bgs, Asiatic Petroleum Corp, Kota Inten, Balik Papan
6,400 bgs, Asiatic Petroleum Corp, Soemba, Balik Papan
1,016 bgs, Standard Oil Co of N J, Silvercedar, Palembang
PARAFFIN—1,010 bgs, Standard Oil Co of N J, Kota Inten, Soengei Gerong
SOFT—9 dms, Duke Laboratories, Beemsterdijk, Rotterdam
PEATMOSS—1,000 bls, Half Moon Mfg & Trading Co, Beemsterdijk, Rotterdam
3,770 bls, Columbus, Bremen
1,000 bls, President Harding, Hamburg
PEPPER, BLACK—162 bgs, Catz American Co, Soemba, Toboali
1,701 bgs, Catz American Co, Soemba, Pangkal Pinang
2,433 bgs, Soemba, Oosthaven
1,476 bgs, Irving Trust Co, Soemba, Oosthaven
1,620 bgs, Bank of Manhattan, Soemba, Oosthaven
824 bgs, Soemba, Pangkal Pinang
225 bgs, Kota Inten, Batavia
2,775 bgs, Kota Inten, Oosthaven
PICHI LEAVES—187 bgs, Duncan Fox & Co, Sessa, Talcahuano
TOPS—25 bls, J L Hopkins & Co, Sessa, Talcahuano
PIMENTO — 100 bgs, Barclay Bank, Haiti, Kingston
PITCH, STEARIN—77 dms, Kyno, Hull
90 dms, A V Berner & Co, Kyno, Hull
95 dms, Leith Mfg Co, Kyno, Hull
POPPYSEED—250 bgs, 27,500 lbs, Levy & Levis Co, Beemsterdijk, Rotterdam
100 bgs, 11,000 lbs, M Witsenburg, Beemsterdijk, Rotterdam
POTASH, ALUM—5 bbls, Merchants' Chem Co, Kyno, Hull
CAUSTIC—135 dms, American Cyanamid & Chem Co, New York, Hamburg
CHLORATE, CRYSTAL—50 cks, 12,355 lbs, Uniform Chem Prod Co, New York, Hamburg
CHLORATE, POWD—1,992 cks, 492,142 lbs, Uniform Chem Prod Co, New York, Hamburg
PYRETHRUM FLOWERS—50 bls, J Powell & Co, Seisho, Otaru
875 bls, S B Penick & Co, Seisho, Otaru
125 bls, Sherwood Petroleum Co, Seisho, Otaru
125 bls, J Powell & Co, Hoegh Carrier, Kobe
75 bls, E E Marks & Co, Hoegh Carrier, Kobe
25 bls, Peek & Velsor, Hoegh Carrier, Kobe
QUICKSILVER—50 cyls, Leghorn Trading Co, Roma, Genoa
25 cyls, Roma, Genoa
100 flasks, American Merchant, London
133 flasks, Chas Pfizer & Co, Antonia, London
149 flasks, Chase National Bank, Agwistar, Tampico
RESIN, SYN—2 cs, Interocean Forwarding Co, American Merchant, London
RICE FLOUR—100 bgs, Half Moon Mfg & Trading Co, Beemsterdijk, Rotterdam
SARDINE MEAL—2,000 bgs, Mitsubishi Shoji Kaisha, Seisho, Kobe
1,360 bgs, Wessel, Duval & Co, Hoegh Carrier, Kobe
SEED, MEDICINAL—7 bgs, New York, Hamburg
SENNA LEAVES—McKesson & Robbins, Silvercedar, Port Ludan
42 bls, J L Hopkins & Co, Silvercedar, Port Ludan
200 bls, S B Penick & Co, American Merchant, London
SHELLAC—55 cs, 10 bgs, A Hurst & Co, New York, Hamburg
SOAP BARK—7 bls, Sessa, San Antonio
SOAP—5 cs, Titan Shipping Co, American Merchant, London
2 cs, Yardley & Co, Antonia, London
19 cs, Corn Exchange Bank Trust Co, Berengaria, Southampton
50 cs, C L Jones, Sagaporack, Helsingfors
3 cs, Concentrate Mfg Co, Paris, Havre
3 cs, Prindle & Grant, Paris, Havre
STEARIC ACID—2 cs, Yardley & Co, American Merchant, London
SODA, CYANIDE—770 dms, Charles Hardy, Lafayette, Havre
400 dms, Philipp Bros, Tai Ping, Yokohama
HYDROSULPHITE—25 kgs, Philipp Bros, Lancastria, Liverpool
70 dms, New York, Hamburg
PHOSPHATE—125 kgs, R J Prentiss & Co, Beemsterdyk, Rotterdam
SULPHATE—1,234 bgs, 700 dms, Advance Solvents & Chem Co, Koenigstein, Antwerp
SOLVENTS—122 dms, C P Chemical Solvents, Inc, Manuela, Ponce
246 dms, C Esteva, Manuela, San Juan
SPONGES—50 bls, J H Rhodes & Co, Siboney, Havana
32 bls, American Sponge & Chamois Co, Oriente, Havana
27 bls, Oriente, Havana
WASTE—97 bls, Johns Manville Corp, Santa Maria, Havana
15 bls, Oriente, Havana
STARCH—25 cks, Whittaker, Clark & Daniels, Columbus, Bremen
POTATO—50 bgs, C L Huisking & Co, Beemsterdyk, Rotterdam
RICE—30 bbls, M W Parsons, Columbus, Bremen
STRAMONIUM LEAVES—48 bls, R J Prentiss & Co, Teresa, Trieste
SULPHUR, PRECIPITATED—20 cks, 2 tons, 7 cwt, Lancastria, Liverpool
SUMAC—20 bls, Teresa, Catania
350 bgs, France, Campbell & Darling, Teresa, Palermo
SUNFLOWER SEED—66 bgs, New York, Hamburg
TAPIOCA FLOUR—6,158 bgs, Stein, Hall & Co, Soemba, Sourabaya
2,000 bgs, H P Winter & Co, Soemba, Batavia
9,258 bgs, Stein, Hall & Co, Soemba, Batavia
500 bgs, Chase National Bank, Soemba, Cheribon
1,360 bgs, H P Winter & Co, Soemba, Cheribon
500 bgs, National Adhesive Corp, Kota Inten, Batavia
511 bgs, H P Winter & Co, Kota Inten, Cheribon
535 bgs, Balfour, Guthrie & Co, Kota Inten, Pamanoekan
TARTAR—422 bgs, Teresa, Catania
463 bgs, Teresa, Naples
458 bgs, Teresa, Messina
TEAWASTE—993 bgs, Citro Chemical Co, American Merchant, London
UMBER, BURNT—200 cks, Teresa, Trieste
VALERIAN ROOT—20 bls, F D Keller, Koenigstein, Antwerp
VALONIA BEARDS—706 bgs, Barkey Import Co, Examiner, Chanak
CUPS—3,343 bgs, Barkey Import Co, Examiner, Chanak
EXTRACT—314 bgs, International Product Corp, Exmouth, Yera
VANILLA BEANS—20 cs, M Cortizas Co, Siboney, Vera Cruz
24 cs, Bank of Manhattan, Lafayette, Havre
VARNISH—14 cs, Bryant & Hefferman, Paris, Havre
WATER, MINERAL—220 cs, D F Young, American Merchant, London
WATTLE BARK—3,948 bls, Atlantic, Mombasa
EXTRACT—518 bgs, Tannin Corp, Atlantic, Durban
540 bgs, Atlantic, Durban
WAX, BEES—72 bgs, D Steengrafe, Cabedello, Rio de Janeiro
34 bgs, D Steengrafe, Oriente, Havana
30 bgs, Schutte & Focke, San Juan, Azua
37 bgs, Lenape Trading Co, San Juan, Azua
13 bgs, Mecke & Co, San Juan, Azua
10 bgs, Schutte & Focke, San Juan, Barahona
CANDELILLA—200 bgs, M Argueso & Co, Agwistar, Tampico
188 bgs, Agwistar, Tampico
MINERAL—2 bgs, Beemsterdijk, Rotterdam
MONTAN—375 bgs, Strohmeyer & Arpe Co, New York, Hamburg
OZOKERITE—53 bgs, C B Chrystal & Co, New York, Hamburg
80 cs, R M Dick, New York, Hamburg
VEGETABLE—13 bgs, Cameronia, Glasgow
50 bgs, A Hurst & Co, Cameronia, Glasgow
10 cs, Robinson Wagner Co, Hoegh Carrier, Kobe
WHITING—1,000 bgs, Colgate-Palmolive-Peet Co, Kyno, Hull
WILD FIG SAP—2 cs, Merck & Co, Veragua, Cristobal
YEAST—10 kgs, New York, Hamburg
65 bbls, 5 cs, Vulkan Yeast Co, New York, Hamburg
ZINC OXIDE—1 cs, Yardley & Co, American Merchant, London
25 bbls, Philipp Bros, Koenigstein, Antwerp
5 cs, Yardley & Co, Antonia, London
RESINATE—10 bbls, H Firman, American Merchant, London

New York Transit Imports

COPRA MEAL—4,480 bgs, Tioga Mills, Tai Ping, Manila, Waverly
GELATIN—3 cs, American Express Co, Columbus, Bremen, Rochester
SHEETS—50 cs, Eastman Kodak Co, Beemsterdijk, Rotterdam, Rochester
GINGER ROOT—116 bgs, Royal Bank of Canada, Toloa, Kingston
OIL, CHINAWOOD—692 tons, W G Smith Co, Tai Ping, Shanghai, Cleveland
OLIVE—100 dms, Examiner, Mitylene, Providence
ORANGE PEEL—10 cs, American Merchant, London, Peoria
PAPRIKA—325 bgs, 50 cs, Gallagher & Ascher, Lancastria, Liverpool, Chicago
100 bgs, Lancastria, Liverpool, Chicago
PLASTER PARIS—57 dms, American Merchant, London, Columbus, Ohio
PYRETHRUM FLOWERS—250 bls, McKesson & Robbins, Seisho, Otaru, Bridgeport
65 bls, McKesson & Robbins, Hoegh Carrier, Kobe, Bridgeport
SPONGES—17 bls, Siboney, Havana, Liverpool

Baltimore Imports

BONEMEAL—2,206 bgs, City of Havre, Hamburg
CHEMICALS—170 bgs, City of Havre, Bremen
CLAY—450 bgs, City of Havre, Hamburg
20 csks, City of Havre, Bremen
COCONUT, DESIC—265 cs, Gertrude Maersk, Manila
FERROMANGANESE—400 cs, Noto, Yokohama
ILMENITE SAND—1,800 tons, City of Norwich, Koilthottam
IRON ORE—11,000 tons, Bethlehem Steel Co, Firmore, Dalquiri
21,500 tons, Bethlehem Steel Co, Bethore, Cruz Grande
KYANITE ORE—30 tons, City of Norwich, Calcutta
MANGANESE ORE—1,500 tons, Wichita, Calcutta
8,850 tons, Maine, Rio Janeiro
MONAZITE—1 bg, City of Norwich, Koilthottam
OIL, CHINAWOOD—100 dms, Gertrude Maersk, Hongkong
COD LIVER—170 dms, City of Havre, Hamburg
PEATMOSS—4,250 bls, City of Havre, Bremen
330 bls, City of Havre, Hamburg
POLISH, SHOE—3 cs, City of Havre, Southampton
PYRITES, IRON—5,213 tons, Kingsborough, Huelva
QUEBRACHO EXTRACT—1,705 bgs, Collingsworth, Buenos Aires
28,125 bgs, International Products Co, Collingsworth, Buenos Aires
20,200 bgs, Tannin Corporation, Collingsworth, Buenos Aires
SARDINE MEAL—2,000 bgs, Kurama, Yokohama
SILLIMANITE—20 bgs, City of Norwich, Koilthottam
TALC—300 bgs, Gertrude Maersk, Kobe
WAX, VEGETABLE—50 cs, Noto, Kobe
ZIRCON—1 bg, City of Norwich, Koilthottam

Boston Imports

ASBESTOS—150 bgs, 30,450 lbs, Johnsmanville Corp, Atlantic, Cape Town
CASEIN—130 sks, 9 tons, 19 cwt, 3 qr, 20 lbs, Sterling National Bank & Trust Co, Hororata, Wellington
COALTAR DISTILLATE—100 dms, Monsanto Chemical Co, American Shipper, Liverpool
COCOA BEANS—250 bgs, 50,000 lbs, Gordon Grant & Co, Atlantic, Trinidad
CORUNDUM CRYSTALS—2,552 bgs, 257 tons, 8 cwt, 2 qr, 9 lbs, Atlantic, Lourenco Marques
EMERY FILLET—12 cs, Stone & Downer, American Shipper, Liverpool
2 cs, C H Powell Co, American Shipper, Liverpool
1 cs, Atkinson Haserick Co, American Shipper, Liverpool
FISHLIVERS—56 cs, Asano Bussan Co, Kwansai, Yokohama
652 tins, Kwansai, Yokohama
118 cans, ntfy, Atlantic Coast Fisheries Export Corp, Amagisan, Yokohoma
GLUESTOCK, FISH BONES—76 bgs, Russia Cement Co, Yarmouth, Yarmouth
FISH SCRAP—2 bxs, R Ranagan, Yarmouth, Yarmouth
HIDE CLIPPINGS—331 bgs, American Shipper, Manchester
398 bgs, American Shipper, Liverpool
GUM, INDUSTRIAL—50 bgs, J P Marston Co, American Shipper, Liverpool
IRON OXIDE—10 dms, 90 bgs, Reichard Coulston, American Shipper, Liverpool
OIL, CODLIVER—6 dms, American Express Co, American Shipper, Liverpool
PEPPER, WHITE—80 bgs, Amagisan, Singapore
SAGO FLOUR—367 bgs, Arnold Hoffman & Co, Amagisan, Singapore
369 bgs, Rhesus, Singapore
SODA, NITRATE—12,250 bgs, 1,255,152 lbs, Guaranty Trust Co, Sessa, Iquique
9,458 bgs, 962,639 lbs, Guaranty Trust Co, Sessa, Tocopilla
723,991 lbs, Guaranty Trust Co, Sessa, Tocopilla
SOYBEAN MEAL—800 bgs, Mitsui & Co, Kwansai, Dairen
TAPIOCA FLOUR—1,605 bgs, Balfour, Guthrie & Co, Kota Inten, Pamanoekan
1,094 bgs, 226,666 lbs, National City Bank, Rhesus, Sourabaya
500 bgs, 112,422 lbs, Arnold Hoffman & Co, Rhesus, Cheribon
250 bgs, 54,826 lbs, Guaranty Trust Co, Rhesus, Batavia
PEARL—209 bgs, 34,063 lbs, National City Bank, Rhesus, Sourabaya
WAX, VEGETABLE—75 cs, Mitsui & Co, Amagisan, Kobe

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Est. 1854 NEWARK, N.J.

Boston Transit Imports

SOYBEAN MEAL—1,000 bgs, Mitsui & Co, Kwansai, Dairen, for St John, N B

Gloucester Imports

CODLIVER CAKE—11 bbls, from Nova Scotia
FISH LIVERS—½ bbl, from Nova Scotia
GLUESTOCK—37,004 lbs, from Nova Scotia
12 bbls, Russia Cement Co, Dominion Halsyd, Halifax
OIL, COD—10 bbls, 15 cks, from Nova Scotia

Houston Imports

ACID, CRESYLIC — 80 dms, West Ekonk, Rotterdam
CHEMICALS—166 bgs, West Ekonk, Antwerp
PEATMOSS—5,935 bls, 230 hf bls, Kellerwald, Bremen
POTASH, MANURE SALT—2,386,000 kilos, Kellerwald, Bremen
SULPHATE—500 bgs, Kellerwald, Bremen

Lake Charles Imports

PEATMOSS—4 tons, Kellerwald, Bremen
POTASH MANURE, SALT—20%—1,088 tons, Kellerwald, Bremen
30%—521 tons, Kellerwald, Bremen
MURIATE—573 tons, 80-85%, Kellerwald, Bremen
220 tons, 95%, Kellerwald, Bremen
SALTPETER—680 tons, Minerva, Iquique
SODA NITRATE—8,730 tons, Minerva, Iquique

Los Angeles Imports

ACID, CRESYLIC—12,470 lbs, Pacific Enterprise, Bradford
CALCIUM ARSENATE—33,600 lbs, Norway, Kobe
COCOA BEANS—10,000 lbs, West Ivis, Trinidad
COLORS, CERAMIC—30 lbs, Tacoma, Munich
CORIANDER SEED—1,080 lbs, Fella, Marseilles
COTTON LINTERS—84,600 lbs, Sinaloa, Mazatlan
56,590 lbs, Sinaloa, Torreon
CUMIN SEED—4,280 lbs, Fella, Marseilles
GUM DAMMAR—11,200 lbs, Cornville, Singapore
IRON OXIDE—21,280 lbs, From Liverpool
KELP MEAL—40,000 lbs, Oregon, Tokyo
MUSTARD SEED—200 lbs, From Enkhuizen
OCHER—11,230 lbs, Fella, Marseilles
OIL, ESSENTIAL—5 lbs, From Paris
PAPRIKA—5,600 lbs, Tacoma, Budapest
POTASH, CAUSTIC — 2,760 lbs, Tacoma, Gothenburg
SEAWEED—750 lbs, Oregon, Kobe
SHELLAC—8,280 lbs, Bengalen, Calcutta
SIENNA—3,530 lbs, Fella, Rome
11,460 lbs, Fella, Leghorn
TALC—55,900 lbs, Mapia, Sourabaya
155,030 lbs, Fella, Turin
TAPIOCA FLOUR—14,610 lbs, Hopecrest, Batavia
UMBER—11,400 lbs, From Sheffield

New Orleans Imports

ACID, CRESYLIC—112 dms, W Cooper & Nephews, Westmoreland, Rotterdam
COCOA BEANS—2,168 sx, Fruit Dispatch Co, Sixaola, Almirante
CARBIDE—100 dms, United Fruit Co, P N Damm, Gdynia
CASSIA ROLLS—252 bls, First National Bank, Unicoi, Hongkong
CHEMICALS—150 dms, Whitney Bank, Westmoreland, Rotterdam
105 dms, Westmoreland, Rotterdam
133 csks, Advance Solvents & Chemical Corp, Leerdam, Rotterdam
252 csks, 60 dms, Leerdam, Rotterdam
176 dms, Leerdam, Antwerp
72 csks, Advance Solvents & Chemical Corp, Frankfurt, Hamburg
CLAY—427 sx, M Greenbaum, Leerdam, Rotterdam
ESSENCE—2 dms, Westmoreland, Havre
FERROMANGANESE—400 tons, W Muller & Co, P N Damm, Danzig
GUM, CHICLE—700 bls, Wm Wrigley Jr, Lysefjord, Belize
LEATHER MEAL—1,016 sx, Ashcraft Wilkinson Co, Westmoreland, Rotterdam
MANICO MEAL—1,134 sx, Talisse, Samarang
MOLASSES—1,311,569 gls, Cuba Distilling Co, Carrabulle, Puerto Tarafa
NAPHTHALENE—500 ex, Westmoreland, Rotterdam
OIL, CREOSOTE—100 dms, Leerdam, Rotterdam
PALM—656 tons, Frankfurt, Hamburg
479 tons, Van Leuwen Boomkamp Co, Talisse, Belawan Deli
522 tons, Talisse, Belawan Deli
SESAME—100 dms, Westmoreland, Rotterdam
PEPPER, BLACK—812 sx, Talisse, Oosthaven
PEATMOSS—3,544 bls, Premier Peat Moss Corp, Leerdam, Rotterdam
PHOSPHATE, AMMONIATED—272 sx, National City Bank, Westmoreland, Antwerp
SALTPETER—680,400 kilos, Chilean Nitrate Sales Corp, Erviken, Iquique
SOAP—1 cs, Westmoreland, Havre
SODA NITRATE—10,013,000 kilos, Chilean Nitrate Sales Corp, Erviken, Tocopilla
TAPIOCA FLOUR—271 sx, Guaranty Trust Co, Talisse, Cheribon
3,000 sx, Talisse, Batavia

Norfolk Imports

BLOOD, DRIED—1,500 bgs, 78 tons, Collinsworth, Buenos Aires
1,112 bgs, 111,052 lbs, Sansinema Co, Collingsworth, Buenos Aires
1,016 bgs, Collingsworth, Buenos Aires
CHEMICALS—2,000 bgs, 99 tons, City of Norfolk, Hamburg
FERTILIZER, NITROGENOUS—548 bgs, 48 tons, City of Norfolk, Hamburg
Quaker City, London
OIL, CODLIVER—120 dms, 12 tons, City of Norfolk, Hamburg (for Newport News)
PEATMOSS—1,996 bls, 555 half bls, Premier Peatmoss Corp, City of Norfolk, Hamburg
LEATHER WASTE—734 bgs, 76,894 lbs,
QUEBRACHO EXTRACT—16,700 bgs, 1,836,148 lbs, International Product Corp, Collingsworth, Buenos Aires
2,470 bgs, 266,484 lbs, American Tanners, Collingsworth, Buenos Aires

Philadelphia Imports

ALBUMEN, EGG, HEN—112 cs, Stein, Hall & Co, Kano, Tientsin
CAMPHOR, REFINED—150 cs, Mitsui & Co, Amagisan, Kobe
CASSIA VERA—211 pkgs, Jacobus F Frank, Foylebank, Padang
CHEMICALS—1,000 dms, 360 bgs, Furness, Withy & Co, Blommersdyk, Rotterdam
400 dms, E F Houghton & Co, Blommersdyk, Rotterdam
250 bgs, Advance Solvents & Chemical Co, Bloomersdyk, Rotterdam
23 cks, Ceramic Color & Chemical Co, Blommersdyk, Rotterdam
57 bbls, Sterling Supply Corp, Blommersdyk, Rotterdam
CHINA CLAY—61,002 kilos, United Clay Mines Corp, Blommersryk, Rotterdam
COCOA BEANS—1,000 bgs, Wessel, Duval & Co, Clement, Bahia
2,500 bgs, Taubate, Bahia
COCOANUTS—250 bgs, Franklin Baker Co, Kwansai, Cristobal
GLYCERIN—293 dms, Friedrich Engels, Leningrad
110 dms, Amtorg Trading Corp, Friedrich Engels, Leningrad
GUM DAMMAR—210 bgs, Guaranty Trust Co, Cingalese Prince, Singapore
MENTHOL—70 cs, McKesson & Robbins, Montreal, Kobe
100 cs, National City Bank, Kwansai, Kobe
25 cs, Vick Chemical Co, Amagisan, Kobe
MILK POWDER—640 bgs, Blommersdyk, Rotterdam
MYROBALANS—1,000 pockets, City of Norwich, Calcutta
4,000 pockets, Guaranty Trust Co, Wichita, Calcutta
4,022 pockets, Wichita, Calcutta
NIGER SEED—67 bgs, City of Norwich, Colombo
OIL, COTTONSEED — 285 tons, Kwansai, Shanghai
MUSTARD—200 dms, Balfour, Guthrie & Co, Kano, Kobe
PEATMOSS—1,250 bls, Premier Peat Moss Corp, Blommersdyk, Rotterdam
1,000 bls, Halfmoon Mfg & Trading Co, Blommersdyk, Rotterdam
PEPPER, BLACK—729 bgs, N V Java Sumatra Handel, Mij, Foylebank, Oosthaven
PETROLEUM, CRUDE—77,722.96 bbls, Gulf Oil Corp, Davanger, Tampico
PYRITES, ORE—8,234 tons, General Chemical Co, Levernbank, Setubal
RICE, FLOUR—500 pockets, Stein, Hall & Co, Blommersdyk, Rotterdam
SAGO FLOUR—705 bgs, Guaranty Trust Co, Foylebank, Singapore
1,849 bgs, Guaranty Trust Co, Amagisan, Singapore
SARDINE MEAL—2,000 bgs, Mitsui & Co, Kano, Kobe
2,000 bgs, Wilbur, Ellis & Co, Kano, Yokohama
1,120 bgs, Baugh & Sons Co, Kano, Yokohama
SHELLAC—300 bgs, Grace Nat'l Bank, City of Norwich, Calcutta
500 bgs, Chase Nat'l Bank, Wichita, Calcutta
GARNET LAC—200 bgs, Grace Nat'l Bank, City of Norwich, Calcutta
SODA SILICOFLUORIDE—102 bgs, Phila Nat'l Bank, Montreal, Kobe
SOYBEAN MEAL—1,900 bgs, Mitsui & Co, Kwansai, Dairen
TALLOW, VEGETABLE—920 bgs, Guaranty Trust Co, Montreal, Shanghai
TAPIOCA FLOUR—528 bgs, Cingalese Prince, Sourabaya
4,000 bgs, Phila Nat'l Bank, Cingalese Prince, Cheribon
751 bgs, Catz American Co, Cingalese Prince, Cheribon
250 bgs, Foylebank, Cheribon
250 bgs, Guaranty Trust Co, Foylebank, Cheribon
552 bgs, Merchants Nat'l Bank of Boston, Foylebank, Pasoeroean
WAX, CARNAUBA—150 bgs, Chase Nat'l Bank, Clement, Parnahyba
150 bgs, Guaranty Trust Co, Clement, Parnahyba
112 bgs, Brown Bros, Harriman & Co, Clement, Fortaleza
55 bgs, Chase Nat'l Bank, Clement, Natal
ZIRCON—500 bgs, City of Norwich, Kolithottam

San Francisco Imports

(Note:—Because of the maritime strike San Francisco import statistics must be compiled on the basis of cargo arrivals only. No discharges are being effected, and in some cases shipments are being returned without unloading to the port of origin. In other bases vessels are remaining in the harbor awaiting an opportunity to unload. In still other cases vessels are proceeding to Vancouver with San Francisco cargo on board in the hope of being able to unload there, the goods for San Francisco to be shipped down by rail. It is impossible to segregate items on the basis of these practices, and imports listed this week may reappear in later listings, or may not be cleared at all.)

ANTIMONY METAL—250 cs, American Trust Co, Asama, Shanghai
FLAXSEED—3,600 sks, Pacific Vegetable Oil Corp, India, Tako Bar
OIL, COTTONSEED—152 tons, Pacific Vegetable Oil Corpn, Asama, Koba
158 tons, Durkee Famous Foods, Asama, Kobe

Savannah Imports

ASPHALT—14,461 dms, Tungsha, Tampico
CALCIUM NITRATE—85 tons, Tampa, Heroen
508,000 kilos, Tampa, Heroen
MICA SCRAPS—2,806 bgs, Atlantic City, Calcutta

Tampa Imports

SARDINE MEAL—6,000 bgs, Northmoor, Seikoshin

Exports from U.S. Ports

New York Exports

Clearance Dates

Agwistar, January 9; Alhambia, January 26; Almena, January 21; American Trader, January 23; Ausonia, January 21; Beemsterdyk, December 19; Berengaria, January 20; Black Gull, January 28; Black Hawk, January 20; Calamares, January 2, 23; Caledonia, January 22; Champlain, January 23; City of Eastbourne, January 13; Coamo, January 14; Conte Savoia, January 22; Drottingholm, January 20; Elg, January 22; Emsley City, January 23; Exermont, January 20; Express, January 25; Falkefjell, January 30; Flint, January 12; Gunda, January 10; Hamburg, January 16; Ilsenstein, January 4; Isarco, January 19; Kinai, January 7; Laila, January 14; Leif, January 23; Malaren, December 23; Martinique, January 7; Munargo, December 12; January 8; New York City, January 15; Northumberland, December 18; Panuco, December 24; Paris, January 14; Platano, January 22; Ponce, January 23; Potter, January 23; President Harding, December 31; Quirigua, January 21; Sandown Castle, December 31; Santa Clara, January 15; Santa Rita, January 25; Satartia, January 19; Saturnia, January 8; Silverteak, January 23; Steel Age, January 22; Volendam, January 22; Washington, January 12; Waukegan, January 23; West Humhaw, January 20; Westernland, January 22

ACETONE—12,420 lbs, Black Gull, Antwerp
ACID, CITRIC—128 lbs, Calamares, Colon
FORMIC—15,310 lbs, West Humhaw, Marshall
MURIATIC—9,250 lbs, Platano, Santiago; (Ponce) 26,595 lbs, San Juan; 11,820 lbs, Arecibo; 24,000 lbs, Guanica; 1,544 lbs, Calamares, Kingston
SULPHURIC—2,700 lbs, Calamares, Kingston; 17,360 lbs, Laila, Callao
AMMONIA, ANHYD—19,649 lbs, Flint, Santos
SULPHATE—8,520 lbs, Calamares, Cartagena
ASPHALT—110,657 lbs, Munargo, Nassau; 130,072 lbs, Sandown Castle, Port Natal; 22,465 lbs, Waukegan, Manchester; 9,504 lbs, Beemsterdyk, Rotterdam; (President Harding) 160,526 lbs, Havre; 34,793 lbs, Hamburg; 12,380 lbs, American Trader, London; 17,680 lbs, Gunda, Bristol
LIQUID—25,841 lbs, Waukegan, Manchester
SOLID—42,478 lbs, Waukegan, Liverpool
BLACK, BONE—5,020 lbs, Caledonia, Glasgow
BLEACHING POWDER—4,280 lbs, Steel Age, Honolulu
BLUE, LAUNDRY — 3,015 lbs, Calamares, Porto Colombia
ULTRAMARINE—(Potter) 12,010 lbs, Manila; 6,004 lbs, Cebu
VITRIOL—70,800 lbs, Satartia, Buenos Aires
BONE ASH—51,594 lbs, Black Gull, Antwerp
BORAX, GRANULAR—271,200 lbs, Beemsterdijk, Rotterdam
CALCIUM ARSENATE — 36,858 lbs, Laila, Paita
CARBIDE—74,550 lbs, Steel Age, Honolulu
CHLORIDE—12,510 lbs, Steel Age, Honolulu
HYPOCHLORITE—22,457 lbs, Munargo, Havana
PHOSPHATE—6,297 lbs, Leif, Cienfuegos
CEMENT, RUBBER—69,886 lbs, Steel Age, Honolulu
CHEMICALS—4,700 lbs, Beemsterdijk, Amsterdam; 6,630 lbs, Flint, Santos
CHLORINE, LIQ—1,603 lbs, Laila, Buenaventura
CLAY—4,488 lbs, Ausonia, London; 22,500 lbs, Conte Savoia, Genoa
COALTAR—5,238 lbs, Munargo, Havana
INTERMEDIATES—2,989 lbs, Ausonia, London; 5,662 lbs, Northern Prince, Rio de Janeiro
COLOR, DRY—1,428 lbs, Flint, Santos; 16,389 lbs, Silverteak, Shanghai
CORN FLOUR—2,130 lbs, Quirigua, Havana; (Calamares) 2,412 lbs, Corinto; 1,015 lbs, Amapala
SUGAR — 36,630 lbs, Ilsenstein, Antwerp; 7,050 lbs, New York City, Bristol; 4,614 lbs, Volenram, Rotterdam-Amsterdam
SYRUP—1,524 lbs, Calamares, Corinto; (New York City) 22,510 lbs, Bristol; (Laila) 3,064 lbs, Buenaventura; 1,535 lbs, Guayaquil
DENTIFRICES—12,800 lbs, Beemsterdijk, Rotterdam
DEXTRIN—19,864 lbs, American Trader, London
CORN—28,440 lbs, Westernland, Antwerp
LIQUID—9,801 lbs, Quirigua, Havana
DICHLORODIFLUOROMETHANE — 4,293 lbs, Elg, Buenos Aires
DIETHANOLAMINE—357 lbs, American Trader, London
DIETHYL SULPHATE — 5,940 lbs, Black Hawk, Antwerp
DRUGS—2,300 lbs, Volendam, Amsterdam
DYES—3,749 lbs, Drottingholm, Gothenburg; 1,364 lbs, Malaren, Bergen; 628 lbs, Waukegan, Manchester; 2,268 lbs, President Harding, Hamburg; 6,566 lbs, Flint, Buenos Aires; (Northern Prince) 2,215 lbs, Rio de Janeiro; 5,680 lbs, Buenos Aires; 32,046 lbs, Black Gull, Antwerp; 49,976 lbs, Black Hawk, Antwerp
ETHYL FLUID—2,200 gls, Isarco, Genoa
ETHYLENE DIBROMIDE—4,421 lbs, Caledonia, Glasgow
FERRITES—44,765 lbs, Elg, Buenos Aires
FERTILIZER—(Steel Age) 1,016,000 lbs, Honolulu; 203,200 lbs, Honolulu; 508,000 lbs, Kahului; 406,400 lbs, Port Allen; 40,600 lbs, Platano, Porto Barrios; 1,344,127 lbs, Silverteak, Manila
FIRECLAY—26,325 lbs, Black Hawk, Antwerp
GASOLINE—(Alhambia) 16,500 gls, St Pierre; 6,325 gls, Grand Banks; 990 gls, Marystown; 1,375 gls, Burin
GLUCOSE—17,420 lbs, Waukegan, Manchester; 5,367 lbs, American Trader, London
ANHYDROUS—10,175 lbs, Saturnia, Trieste
SOLID—2,115 lbs, Panuco, Tampico
GLUE, LABEL—7,082 lbs, Flint, Buenos Aires
GREASE, ANIMAL—91,357 lbs, Platano, Santiago
LUBRICATING—52,030 lbs, Waukegan, Manchester; 8,140 lbs, Exermont, Algiers; 6,902 lbs, Malaren, Gothenburg; 4,691 lbs, Beemsterdijk, Rotterdam; 14,185 lbs, Sandown Castle, Port Natal; 8,423 lbs, Northumberland, Auckland; 4,637 lbs, Saturnia, Lisbon; 7,742 lbs, Drottingholm, Gothenburg; 4,380 lbs, West Humhaw, Port Bouet; (President Harding) 34,886 lbs, Havre; 142,178 lbs, Hamburg; 12,879 lbs, Satartia, Montevideo; 47,856 lbs, Washington, Hamburg; 5,696 lbs, Platano, Porto Barrios; 1,883 lbs, Elg, Buenos Aires; (Kinai) 55,357 lbs, Yokohama; 46,582 lbs, Yokohama-Osaka; 23,526 lbs, Osaka; 44,232 lbs, Conte Savoia, Genoa; 7,444 lbs, Ponce, Guanica; (Calamares) 2,724 lbs, Kingston; 8,934 lbs, Buenaventura; 24,421 lbs, Westernland, Antwerp; (Gunda) 14,172 lbs, Bristol; 26,080 lbs, Cardiff; 5,022 lbs, New York City, Bristol; 24,218 lbs, Potter, Manila; 5,977 lbs, Laila, Mollendo; (City of Eastbourne) 53,304 lbs, Karachi; 24,780 lbs, Calcutta; 38,380 lbs, Silverteak, Shanghai; 14,186 lbs, Isarco, Genoa
INK, PRINTING—12,607 lbs, Flint, Santos; 1,346 lbs, Hamburg, Hamburg
INSECTICIDE, AGRIC—2,300 lbs, Volendam, Rotterdam
HOUSEHOLD—9,069 lbs, Waukegan, Belfast; 7,263 lbs, Kinai, Tientsin; 12,605 lbs, Santa Clara, Callao; 12,605 lbs, Santa Clara, Callao; 13,380 lbs, Gunda, Cardiff; 19,188 bs, Silverteak, Shanghai
IRON OXIDE—14,080 lbs, American Trader, London; 2,470 lbs, Volendam, Rotterdam
ISOPROPYL ACETATE—32,235 lbs, American Trader, London
KEROSENE—(Martinique) 6,000 gls, Gonaives; 2,500 gls, Port Paix; 10,000 gls, Aux Cayes; 10,000 gls, Cape Haiti; 1,840 gls, West Humhaw, Bathurst; (Alhambia) 4,125 gls, Grand Bank; 1,650 gls, Marystown; 550 gls, Burin
LACQUER—1,607 lbs, Satartia, Montevideo; 7,680 lbs, Northern Prince, Buenos Aires; 2,306 lbs, Silverteak, Manila
COLORED—2,607 lbs, Black Gull, Antwerp
THINNER—1,100 gls, Calamares, Colon; 2,970 gls, Silverteak, Manila
LARD—107,100 lbs, Waukegan, Manchester; 37,800 lbs, Ausonia, London; 13,000 lbs, Platano, Santiago; 10,500 lbs, Quirigua, Havana; 13,593 lbs, Westernland, Antwerp; 27,386 lbs, Volendam, Rotterdam
LEAD, RED—11,325 lbs, Silverteak, Manila
WHITE—58,991 lbs, Beemsterdijk, Amsterdam; 6,010 lbs, Potter, Honolulu; 91,557 lbs, Silverteak, Manila
LEAVES—4,419 lbs, Waukegan, Liverpool
LIME, HYDRATED—12,360 lbs, Calamares, Kingston
LINSEED CAKE—451,203 lbs, Volendam, Rotterdam; 4,815,784 lbs, Black Gull, Antwerp; 1,353,574 lbs, Black Hawk, Antwerp
LUBRICANTS—62,679 lbs, Malaren, Malmo
MAGNESIA OXIDE—4,284 lbs, Isarco, Genoa
NAPHTHA—(West Humhaw) 10,450 gls, Dakar; 24,000 gls, Bathurst; 15,000 gls, Sassandra; 20,000 gls, Port Bouet; 80,000 gls, Accra; 5,000 gls, Keta; 5,000 gls, Lome; 2,750 gls, Apapa; 2,750 gls, Duala
OIL, BRIGHT STOCK—9,900 gls, Falkefjell, Curacao
CASTOR—464 lbs, Calamares, Corinto; 2,442 lbs, Silverteak, Manila
CEDARWOOD—2,426 lbs, Europa, Bremen; 2,455 lbs, Hamburg, Hamburg
CORN—2,406 lbs, Northumberland, Auckland; (Ponce) 5,469 lbs, San Juan; 1,165 lbs, Fajardo; 1,635 lbs, Arroyo
COTTONSEED—1,451 lbs, Hamburg, Hamburg
EDIBLE—1,250 lbs, Quirigua, Limon; (Calamares) 3,048 lbs, Corinto; 900 lbs, Amapala; 14,355 lbs, Laila, Guayaquil; 3,363 lbs, Calamares, Porto Colombia
ESSENTIAL—1,000 lbs, Beemsterdijk, Rotterdam
FISH—6,000 lbs, American Trader, London
GAS—(West Humhaw) 16,500 gls, Bathurst; 5,500 gls, Accra; 2,200 gls, Keta; 11,000 gls, Duala
JUNIPER—2,499 lbs, Hamburg, Hamburg
LEMON, DIST—868 lbs, President Harding, Hamburg
LUBRICATING — (Waukegan) 1,375 gls, Liverpool; 54,320 gls, Manchester; 10,362 gls, Dublin; (Exermont) 1,500 gls, Casablanca; 11,285 gls, Oran; 6,648 gls, Algiers; 26,460 gls, Tunis; 11,800 gls, Ausonia, London; (Beemsterdijk) 8,800 gls, Rotterdam; 24,402 gls, Amsterdam; (Malaren) 5,775 gls, Malmo; 2,750 gls, Stockholm; 5,544 gls, Bergen; 1,050 gls, Tallinn; 11,225 gls, Sandown Castle, Port Natal; (Northumberland) 30,145 gls, Auckland; 19,390 gls, Wellington; 49,115 gls, Lyttleton; 10,615 gls, Dunedin; 3,150 gls, Ilsenstein, Oslo; (Saturnia) 7,870 gls, Lisbon; 7,475 gls, Algiers; 4,702 gls, Trieste; 16,084 gls, Caledonia, Glasgow; 3,150 gls, Drottingholm, Copenhagen; (West Humhaw) 5,175 gls, Dakar; 800 gls, Bathurst; 1,260 gls, Freetown; 9,050 gls, Port Bouet; 14,850 gls, Takoradi; 3,000 gls, Lagos; 4,950 gls, Munargo, Havana; 35,180 gls, President Harding, Havre; (Satartia) 4,884 gls, Paranagua; 14,466 gls, Montevideo; 2,475 gls, Buenos Aires; 24,500 gls, Flint, Santos; 22,000 gls, Washington, Hamburg; 1,945 gls, Ponce, Guanica; 3,850 gls, Cristobal, La Union; 5,370 gls, Platano, Porto Barrios; (Quirigua) 2,200 gls, Cristobal; 1,375 gls, Havana; 4,675 gls, Calamares, Porto Colombia; (Kinai) 10,450 gls, Yokohama; 1,925 gls, Yokohama-Osaka; 15,455 gls, Osaka; 43,120 gls, Osaka-Kobe; 19,800 gls, Kobe; (Santa Clara) 1,500 gls, Puntarenas; 4,305 gls, Guayaquil; 1,980 gls, Callao; 5,500 gls, Orizaba, Vera Cruz; 9,366 gls, Gunda, Cardiff; 8,400 gls, New York City, Bristol; 11,715 gls, Potter, Honolulu; (Laila) 4,950 gls, Buenaventura; 3,570 gls, Callao; 1,650 gls, Pisco; 2,255 gls, Tocopilla; 3,025 gls, Valparaiso; 2,915 gls, Calamares, Buenaventura; (Santa Rita) 2,100 gls, Mollendo; 1,925 gls, Arica; 6,600 gls, Antofagasta; 7,375 gls, Coquimbo; 6,655 gls, Valparaiso; (Westernland) 45,180 gls, Orsoy; 3,080 gls, Antwerp; 27,525 gls, American Trader, London; (Champlain) 2,310 gls, Bordeaux; 27,177 gls, Havre; (Paris) 8,526 gls, Bordeaux; 25,790 gls, Rouen; 1,129 gls, Havre; 89,925 gls, Hamburg, Hamburg; (Isarco) 88,904 gls, Genoa; 12,915 gls, Naples; 5,225 gls, Volendam, Amsterdam; 2,900 gls, Black Gull, Antwerp; (City of Eastbourne) 2,750 gls, Karachi; 40,445 gls, Bombay; 16,775 gls, Madras; 89,995 gls, Calcutta; 5,500 gls, Silverteak, Shanghai
MINERAL—4,950 gls, American Trader, London
NUTMEG—423 lbs, Europa, Bremen; 363 lbs, Hamburg, Hamburg
OLEO—111,957 lbs, Beemsterdyk, Rotterdam; (Malaren) 16,579 lbs, Gothenburg; 11,849 lbs, Helsingborg; 11,687 lbs, Drottningholm, Gothenburg; 9,353 lbs, Volendam, Rotterdam
PEPPERMINT—5,020 lbs, Washington, Hamburg; 1,380 lbs, Europa, Bremen; 1,899 lbs, Hamburg, Hamburg; 800 lbs, Silverteak, Hongkong
PINE—7,086 lbs, Laila, Coquimbo
SIGNAL—1,595 gls, Flint, Buenos Aires
WORMSEED—1,204 lbs, American Trader, London; 678 lbs, Hamburg, Hamburg
PAINT—17,907 lbs, Steel Age, Kahului; 30,030 lbs, Potter, Honolulu; 6,987 lbs, Laila, Salaverry; 4,773 lbs, Calamares, Porto Colombia; 6,380 lbs, Northern Prince, Buenos Aires; 9,301 lbs, American Trader, London; 5,101 lbs, Hamburg, Oslo
THINNER—2,200 gls, American Trader, London; (City of Eastbourne) 1,100 gls, Madras; 3,300 gls, Calcutta; 1,100 gls, Silverteak, Shanghai
PARAFFIN—(Malaren) 16,579 lbs, Gothenburg; 11,849 lbs, Helsingborg; 267,606 lbs, Panuco, Porto Mexico; 13,347 lbs, Ilsenstein, Antwerp; 93,502 lbs, Saturnia, Trieste; 101,004 lbs, Platano, Guatemala City; 5,550 lbs, Conte Savoia, Genoa; 50,503 lbs, Leif) Cienfuegos; (Santa Clara) 11,150 lbs, La Union; 33,450 lbs, Callao; 45,284 lbs, Arica; 133,815 lbs, Valparaiso; 452,085 lbs, Talcahuano; (Laila) 35,662 lbs, Tumaco; 110,827 lbs, Guayaquil; (Calamares) 45,979 lbs, Cartagena; 11,497 lbs, La Libertad; 33,450 lbs, Santa Rita, Arica; (Isarco) 351,777 lbs, Genoa; 209,420 lbs, Leghorn; 258,329 lbs, Naples
REFINED—27,806 lbs, Hamburg, Memel; 20,465 lbs, Isarco, Genoa
SCALE—33,615 lbs, Exermont, Casablanca; 26,016 lbs, Isarco, Genoa; 17,012 lbs, Volendam, Amsterdam
PECTIN, CITROUS—3,377 lbs, Waukegan, Dublin
PETROLATUM—35,382 lbs, City of Eastbourne, Madras
MEDICINAL—2,286 lbs, Silverteak, Hongkong
PETROLEUM, REFD—(West Humhaw) 45,000 gls, Bathurst; 8,000 gls, Monrovia; 5,000 gls, Sassandra; 4,500 gls, Port Bouet; 5,000 gls, Accra; 20,200 gls, Keta; 15,000 gls, Lome; 15,960 gls, Almena, Porto Plata
PHARMACEUTICAL PROD—8,120 lbs, American Trader, London
POTASH, BICHROMATE—2,340 lbs, Munargo, Havana
BROMATE—2,640 lbs, Beemsterdijk, Rotterdam; 2,680 lbs, Waukegan, Manchester
XANTHATE—5,173 lbs, Black Hawk, Ghent
PUTTY—26,444 lbs, Silverteak, Manila
RESIN, SYNTH—2,006 lbs, President Harding, Hamburg
SENEGA ROOT—2,630 lbs, Saturnia, Trieste
SILICON CARBIDE—46,591 lbs, Isarco, Genoa
SOAP—10,150 lbs, Munargo, Nassau; (Ponce) 13,757 lbs, San Juan; 2,800 lbs, Yabucoa; 38,880 lbs, Ponce; 61,750 lbs, Mayaguez; 3,480 lbs, Leif, Cienfuegos
LAUNDRY—4,500 lbs, Potter, Kahului; 9,725 lbs, Calamares, Belize
POWDER—37,150 lbs, Steel Age, Honolulu
TOILET—8,800 lbs, Beemsterdijk, Amsterdam; 6,500 lbs, Silverteak, Hongkong

SODA, ASH—116,600 lbs, Quirigua, Havana; (Elg) 6,849 lbs, Santos; 45,300 lbs, Buenos Aires; 3,570 lbs, Kinai, Yokohama; 10,000 lbs, Ponce; Guanica; 48,798 lbs, Munargo, Havana; 28,219 lbs, Coamo, San Pedro, 10,813 lbs, Silverteak, Manila
BICARBONATE—51,070 lbs, Agwistar, Tampico; 12,159 lbs, Panuco, Tampico; 5,250 lbs, Steel Age, Honolulu; 5,250 lbs, Steel Age, Honolulu; 72,382 lbs, Orizaba, Vera Cruz
BICHROMATE—48,274 lbs, Elg, Buenos Aires
CAUSTIC—16,066 lbs, Agwistar, Tampico; 245,150 lbs, Panuco, Tampico; 11,472 lbs, Ilsenstein, Antwerp; (Platano) 17,950 lbs, Santiago; 4,302 lbs, Porto Barrios; (Quirigua) 71,800 lbs, Havana; 12,924 lbs, Guayaquil; 105,080 lbs, Orizaba, Vera Cruz; (Calamares) 14,360 lbs, Cartagena; 18,000 lbs, Corinto; (Silverteak) 462,057 lbs, Shanghai; 231,710 lbs, Tientsin; 115,855 lbs, Dairen
CYANIDE—25,940 lbs, Laila, Pisco
HYPOSULPHITE — 33,900 lbs, Steel Age, Honolulu
PHOSPHATE, TRI—12,040 lbs, Caledonia, Glasgow; 11,900 lbs, Elg, Buenos Aires; 22,624 lbs, Black Hawk, Antwerp
SILICATE—73,762 lbs, Munargo, Havana; 8,229 lbs, Calamares, Cartagena
SULPHATE—3,246 lbs, Munargo, Havana
SULPHIDE—10,054 lbs, Munargo, Havana; 3,356 lbs, Elg, Buenos Aires
STARCH—2,256 lbs, Sandown Castle, Port Natal; 2,398 lbs, Steel Age, Honolulu
CORN — 23,992 lbs, Drottningholm, Stockholm; (Quirigua) 9,988 lbs, Havana; 12,924 lbs, Guayaquil; (Steel Age) 554 lbs, Honolulu; (Platano) 1,000 lbs, Manzanillo; 2,000 lbs, Santiago; 5,050 lbs, Volendam, Rotterdam
STEARIN, OLEO—47,277 lbs, Beemsterdijk, Rotterdam
PITCH—25,074 lbs, Volendam, Rotterdam
SULPHUR—1,080 lbs, Waukegan, Liverpool
TALC—11,424 lbs, Black Hawk, Antwerp
TANNING EXTRACT—6,681 lbs, Ilsenstein, Rotterdam
TITANIUM DIOXIDE—16,957 lbs., Elg, Buenos Aires
TOLUOL—2,860 gls, Satartia, Buenos Aires
TURPENTINE — (Northumberland) 800 gls, Auckland; 3,200 gls, Lyttleton; 2,500 gls, Flint, Buenos Aires; (Laila) 400 gls, Mollendo; 1,100 gls, Valparaiso; 1,100 gls, Santa Rita, Antofagasta; 358 gls, Volendam, Rotterdam
UREA—4,545 lbs, Caledonia, Glasgow; 2,222 lbs, Elg, Buenos Aires
VARNISH — 734 lbs, Satartia, Paranagua; 15,080 lbs, Potter, Honolulu; 2,918 lbs, Silverteak, Shanghai
WAX, FLOOR—41,610 lbs, Champlain, Havre
ZINC, DUST—1,400 lbs, West Humhaw, Takoradi
OXIDE—9,540 lbs, Northumberland, Wellington; 2,464 lbs, Elg, Buenos Aires
SULPHATE—23,732 lbs, Flint, Buenos Aires

Baltimore Exports

Clearance Dates

Bilderdijk, January 28; City of Newport News, January 21; Manchester Hero, January 26; Quaker City, January 23; Talisse, January 22; Uruguayo, January 23; Vingaren, January 23

ACID, CHROMIC—3,300 lbs, City of Newport News, Hamburg; 11,200 lbs, Manchester Hero, Manchester
ASPHALT, SOLID—20 tons, City of Newport News, Havre; 38,481 lbs, Bilderdijk, Rotterdam
CADMIUM LITHOPONE—800 lbs, City of Newport News, Hamburg
CHALK, PRECIP—33,600 lbs, Manchester Hero, Manchester
FIRE CLAY—2 tons, Uruguayo, Buenos Aires
FURFURAL, TECH—33,000 lbs, City of Newport News, Hamburg
GLASS FRIT, CRSHD—5,000 lbs, City of Newport News, London
LIQUID, CRSHD—7,050 lbs, City of Newport News, London
GRAPHITE—452 lbs, City of Newport News, Munchen
GREASE, LUBRICATING—3,221 lbs, Talisse, Palembang; 9,954 lbs, City of Newport News, Karachi; 2,389 lbs, Bilderdijk, Rotterdam
HAMAMELIS LEAVES—1,074 lbs, City of Newport News, Havre
INSECTICIDE—10 cs, Talisse, Bangkok
LICORICE PASTE—6,900 lbs, Vingaren, Gothenburg
OIL, ENGINE—(City of Newport News) 61 bbls, Dunkirk; 61 bbls, Havre; 238 bbls, Manchester Hero, Manchester
MOTOR—3,315 gals, Bilderdijk, Lippenhuizen
PEPPERMINT—1,200 lbs, City of Newport News, London
OYSTER SHELLS, CRSHD—50 tons, Quaker City, Halifax
PAINT—1,185 lbs, Bilderdijk, Rotterdam
POTASH, BICHROMATE—6,720 lbs, City of Newport News, Madras
719 lbs, City of Newport News, Memel
SASSAFRAS ROOT—3,200 lbs, City of Newport News, Hamburg
SODA, BICHROMATE—(City of Newport News) 6,720 lbs, Madras; 6,720 lbs, Tuticorin; 22,400 lbs, London; 44,800 lbs, Manchester Hero, Manchester
TITANIUM LITHOPONE—1,600 lbs, Vingaren, Gothenburg

Beaumont Exports

Clearance Date

Americano, January 23

PETROLEUM, CRUDE—8,000 tons, Americano, Venice

Boston Exports

Clearance Dates

Amagisan, February 1; Bloomersdijk, January 25; Kurama, January 26; Kwansai, January 28; Lady Nelson, January 30; Lady Rodney, January 23; Mangalore, January 25; Nova Scotia, January 23; San Mateo, January 26; Yarmouth, January 23 and 27

ACID, OXALIC—1 dm, 50 lbs, Saint John's, Saint Johns
SULPHURIC—50 crby, 254 lbs, San Mateo, Havana
ALUMINA OXIDE—3,110 bgs, 58 kegs, 330,057 lbs, Mangalore, London
ASBESTOS FIBER—10,699 bgs, Kwansai, Japan
BLEACH, LEATHER—1 pkg, 47 lbs, Nova Scotia, St John's
POWDER—2 crtns, 96 lbs, Nova Scotia, St John's
BRISTLES—1 cs, 130 lbs, Yarmouth, St John
CARBON DISULPHIDE—10 cs, 500 lbs, San Mateo, Havana
CEMENT, BELT—2 pkgs, 394 lbs, Kwansai Maru, Shanghai
PIPE—1 bx, 2 lbs, Yarmouth, Yarmouth
SHOE—1 cs, 30 lbs, Nova Scotia, St John's
CHEMICAL COMP—1 pkg, 84 lbs, Mangalore, London
CLAY—202 bbls, 35 tons, Mangalore, London
CLEANER, SHOE—1 bx, 15 lbs, San Mateo, Havana
CLEANING COMP—586 cs, 23,785 lbs, Nova Scotia, St John's; 75 cs, 863 lbs, Yarmouth, Halifax
COALTAR—10 dms, 4,680 lbs, San Mateo, Santiago
21 bbls, 1,050 gls, San Mateo, Havana
DISINFECTANT—4 bbls, 430 lbs, Nova Scotia, St John's; 1 bx, 2 gls, Yarmouth, Yarmouth
DRESSING, LEATHER—(Nova Scotia) 4 bxs, 172 lbs, Leicester; 1 dm, 48 lbs, St John's; 1 cs, 96 lbs, Kwansai Maru, Shanghai
SHOE—3 bbls, 150 gls, Kwansai, Yokohama; 12 cs, 1 keg, 34 gls, San Mateo, Havana
DRILLING COMP—6 dms, 1,579 lbs, Nova Scotia, Liverpool
DRUGS—5 pkgs, 145 lbs, Yarmouth, Halifax
GARNET ROCK, GRD—3 kegs, 1,067 lbs, Mangalore, London
GASOLINE—(Bloommersdijk) 1 dm, 1 bx, 56 gls, Amsterdam; 12 crtns, 1 dm, 175 gls, Delft
GLUESTOCK, HIDE CUTTINGS—159 bgs, 12,690 lbs, Nova Scotia, Birkenhead
GREASE, SOAP—(San Mateo) 5 bbls, 4 dms, 4,458 lbs; Caibarien; 10 bbls, 4,423 lbs, Havana
GUM, SYNTHETIC COMP—1 bx, 97 lbs, Mangalore, London
INK, SHOE—2 kgs, 172 lbs, Kwansai, Kobe
INVALID'S FOOD—12 cs, 285 lbs, San Mateo, Havana
LINING COMP—12 dms, 8 bxs, 6,052 lbs, San Mateo, Havana
LYE—150 cs, 5,850 lbs, Nova Scotia, St John's
MEDICINAL PREPS—8 cs, 589 lbs, Lady Rodney, Hamilton; 2 cs, 119 lbs, Nova Scotia, St John's; 250 bxs, 1,250 gls, Mangalore, London
OIL, CODLIVER, CONCEN—10 dms, 550 gls, Yarmouth, St John
HARNESS—1 cs, 27 gls, Lady Nelson, Hamilton
LUBRICATING—2 cs, 590 lbs, Nova Scotia, Liverpool; 27 pkgs, 1 bx, 1 gl, Yarmouth, Yarmouth
MINERAL—3 bbls, 160 gls, Nova Scotia, St John's
NEATSFOOT—1 cs, 18 gls, Lady Nelson, Hamilton
PAINT—3 bxs, 13 gls, Lady Rodney, Hamilton; 2 dms, 113 gls, Nova Scotia, St John's
PASTE—31 bxs, 1,324 lbs, San Mateo, Havana
ADHESIVE—1 kg, 53 lbs, Nova Scotia, St John's; 110 dms, 4,050 lbs, Kwansai, Yokohama; 25 dms, 1,025 lbs, Mangalore, London
POLISH, SHOE—7 cs, 67 bxs, 418 lbs, San Mateo, Havana
ROSIN, GUM—(Yarmouth) 5 bbls, 500 lbs, St John; 40 bbls, 20,000 lbs, Halifax
SHELLAC—1 bbl, 300 lbs, Yarmouth, St John
SILICON CARBIDE—6 kegs, 150 lbs, Mangalore, London
SOAP—1 cs, 46 lbs, Nova Scotia, Liverpool
TOILET PREPS—(Nova Scotia) 1 cs, 41 lbs, St John's; 1 cs, 73 lbs, Bell Island
TURPENTINE GUM—5 dms, 291 gls, Yarmouth, St John
VARNISH—2 dms, 111 gls, Nova Scotia, St John's
WATERPROOFING PREPS—10 cs, 100 gls, Nova Scotia, Worcester
WAX LAUNDRY—1 crtn, 50 lbs, Nova Scotia, St John's
SHOE—4 crtns, 200 lbs, Nova Scotia, St John's; 1 cs, 24 lbs, Kwansai, Yokohama

Corpus Christi Exports

Clearance Dates

Procyon, January 18; Teresa Odero, January 14

PETROLEUM, CRUDE—68,975 bbls, Teresa Odero, Gibraltar; 100,329 bbls, Procyon, Dunkirk

Galveston Exports

Clearance Dates

Karpfanger, January 22; Leerdam, January 25; Lubeck, January 21; Velma Lykes, January 22; West Cohas, January 22; West Ekonk, January 23; Wisconsin, January 20

ASPHALT GRITS—31 tons, West Cohas, Liverpool
BLACK, CARBON—36 tons, West Cohas, Liverpool; 500 cs, 600 bgs, Leerdam, London
CONCENTRATES — 163 tons, West Cohas, Liverpool
MOLYBDENITE—264 bbls, Wisconsin, Antwerp; 124 bbls, Lubeck, Hamburg
SULPHUR—500 tons, Wisconsin, Rouen; 500 tons, West Cohas, Liverpool; 18 tons, Velma Lykes, Cartagena; 5,500 tons, Karpfanger, Hamburg; 1,100 tons, West Ekonk, Manchester; 2,544 bgs, Leerdam, London

Houston Exports

Clearance Dates

Leerdam, January 22; Lubeck, January 21; Solsten, January 22; Stella Lykes, January 23; Velma Lykes, January 20; West Cohas, January 20

BLACK, CARBON—(West Cohas) 300 bgs, Liverpool; 180 bgs, Manchester; 2,300 bgs, Liverpool-Manchester; (Lubeck) 25 tons, Bremen; 15 tons, Hamburg; (Leerdam) 3 tons, London; 71 ton, Antwerp; 41 tons, Rotterdam
CLAY—30 tons, West Cohas, Manchester
GASOLINE—67,876 bbls, Solsten, Havana
GREASE, LUBRICATING—130 dms, Solsten, Havana
LUBRICANTS—12 tons, Stella Lykes, Ciudad Trujillo
OIL, LUBRICATING—(Velma Lykes) 13 tons, Havana; 33 tons, Cristobal; 400 dms, Solsten, Havana
PAINT—66 dms, 33 cns, 9 ctns, Solsten, Havana

Los Angeles Exports

Clearance Dates

Argyll, January 15; Athelviscount, January 19; Besholt, January 18; Corabank, January 13; Fujisan, January 18; J A Moffett, January 18; Leiv Eriksson, January 16; Lincoln Ellsworth, January 22; Orion, January 11; Otokia, January 21; Santa Maria, January 13; Seminole, January 20; Sydhav, January 18; Sysla, January 19; Toa, January 20; Velma, January 20

GASOLINE—110,641 bbls, 28,877,300 lbs, Corabank, Yokohama-Itosaki; 78,200 bbls, 20,410,200 lbs, Sysla, London
KEROSENE, DISTILLATE — 23,233 bbls, 6,551,710 lbs, Orion, Yokohama
OIL, DIESEL—4,800 bbls, 1,497,600 lbs, Besholt, Yokohama; 45,945 bbls, 14,334,840 lbs Otokia, Tama-Osaka; 64,035 bbls, 19,978,920 lbs, Athelviscount, Osaka-Moji; 81,323 bbls, 25,372,780 lbs, Leiv Eriksson, Osaka-Nagasaki; 9,734 bbls, 3,037,010 lbs, J A Moffett, Mazatlan; (Santa Maria) 52,675 bbls, 16,434,600 lbs, Balboa; 6,000 bbls, 156,000 lbs, Porto Armuelles
FUEL—24,027 bbls, 8,000,990 lbs, Argyll, Santa Rosalia; 85,917 bbls, 28,610,360 lbs, Velma, Tocopilla; 24,642 bbls, 8,205,790 lbs, Santa Maria, Balboa; 80,618 bbls, 26,845,790 lbs, Fujisan, Yokosuka; 81,706 bbls, 27,207,100 lbs, Toa, Yokosuka; 26,631 bbls, 8,868,120 lbs, Athelviscount, Osaka-Moji; 14,177 bbls, 4,720,940 lbs, Leiv Eriksson, Osaka-Nagasaki
GAS — 77,002 bbls, 23,435,800 lbs, Sydhav, Rotterdam
PETROLEUM, CRUDE—66,416 bbls, 20,721,790 lbs, Parbro, Ioco; 56,705 bbls, 17,601,960 lbs, Lincoln Ellsworth, Ioco

Mobile Exports

Clearance Date

Corisco, January 23

ROSIN—200 bbls, Corisco, Havana

New Orleans Exports

Clearance Dates

Alberta, January 22; Amapala, November 24; Arsa, January 22; Cefalu, November 9; Contessa, November 3; November 17; Daytonian, January 6; Edam, January 29; Masaya, November 30; Meanticut, January 15; Morazan, November 5, 19; Myriam, January 18; Nordvangen, January 16; St. Mary, November 12, 25; Syros, January 14; Vestvangen, January 19; Wawa, November 6; West Camak, January 21; West Harshaw, January 23

ACID, BORIC—1 ton, Morazan, Vera Cruz
ASPHALT—(Daytonian) 20 tons, Liverpool; 25 tons, Manchester; 18 tons, Arsa, Marseilles
CRUDE—(West Harshaw) 39 tons, Havre; 18 tons, Dunkirk; 45 tons, Antwerp
GRITS—(Edam) 22 tons, London; 5 tons, Rotterdam; 5 tons, Amsterdam
BLACK, CARBON—97 tons, Arsa, Marseilles; (Edam) 19 tons, London; 25 tons, Antwerp; 28 tons, Rotterdam; 46 tons, Syros, London; (West Camak) 6 tons, Dublin; 75 tons, Glasgow; (West Harshaw) 14 tons, Havre; 5 tons, Antwerp; 17 cs, St Mary, Vera Cruz
BORAX—32 tons, Morazan, Vera Cruz
CALCIMINE—10 bbls, Contessa, Panama
CALCIUM PHOSPHATE—4 tons, St Mary, Vera Cruz
CHEMICALS—2 tons, St Mary, Vera Cruz
CHESTNUT EXTRACT—2 tons, St Mary, Vera Cruz
CLAY—18 tons, Arsa, Marseilles; 36 tons, West Camak, Glasgow
GROUND—108 tons, Syros, London
COALTAR—3 dms, Wawa, Alvaro, Obregon; 10 dms, Contessa, Cartagena
COCOA WASTE—56 tons, Edam, Amsterdam
COLOR—20 bbls, Morazan, Vera Cruz
DRY—1 ton, St Mary, Vera Cruz
DISTILLATE—30 dms, Contessa, Celba; 150 dms, Cefalu, Celba
DRESSING, LEATHER—7 tons, Morazan, Vera Cruz
EARTH, MINERAL—1 ton, Edam, London
FIRECLAY—8 tons, Edam, Antwerp; 35 tons, St Mary, Vera Cruz
GASOLINE—35 cs, Contessa, Puerto Cabezas; 140 dms, Nordvangen, Fort de France; 10 dms, Masaya, Alvaro Obregon
GLASS, WINDOW—8 cs, Nordvangen, Port of Spain
GYPSUM—14 dms, St Mary, Vera Cruz; 6 bbls, Morazan, Vera Cruz
INFUSORIAL EARTH—(Edam) 4 tons, Rotterdam; 26 tons, Amsterdam; 20 tons, London
INK—15 dms, Cefalu, Havana
KEROSENE—(Contessa) 6 dms, 35 cs, Puerto Cabezas; 3 dms, Ceiba; 25 cs, Cefalu, Puerto Cabezas; 50 cs, Nordvangen, Paramaribo; 3,000 cs, Vestvangen, Ciudad Trujillo; 12 dms, Masaya, Alvaro Obregon
LACQUER—37 dms, Morazan, Vera Cruz
LARD—100 tins, 105 cs, Vestvangen, Port au Prince
LIGNIN LIQUOR—46 tons, Edam, Antwerp
METHANOL—30 tons, West Harshaw, Antwerp
MINERAL, BORATED, CRUDE—329 tons, Syros, London
OIL, CREOSOTE—10 dms, Contessa, Panama City
FUEL—800 bbls, Contessa, Puerto Cabezas; 800 bbls, Amapala, Puerto Cabezas
FURNACE—50 dms, Contessa, Puerto Cabezas
LUBRICATING—(Contessa) 6 dms, Puerto Cabezas; 4 dms, Ceiba; (Arsa) 314 tons, Marseilles; 145 tons, Genoa; 5 dms, Cefalu, Puerto Cabezas; 63 tons, Syros, London; 17 tons, Meanticut, Liverpool; (West Harshaw) 11 tons, Havre; 5 tons, Rotterdam; 74 bbls, Alberta, Venice; 8 dms, Masaya, Alvaro Obregon; 115 dms, St Mary, Vera Cruz
MINERAL—111 tons, Arsa, Marseilles
OLEO—5 tcs, Contessa, Callao
PINE—10 dms, St Mary, Tampico
PAINT—15 cs, Contessa, Buenaventura; 23 dms, 2 tons, Morazan, Vera Cruz; 1 ton, Cefalu, Colon; 18 cs, Nordvangen, Fort de France
PARAFFIN—17 tons, Arsa, Leghorn; 61 sx, Vestvangen, Willemstad; (West Harshaw) 25 tons, Antwerp; 10 tons, Rotterdam; 51 tons, Syros, London
SCALE—22 tons, West Camak, Glasgow
PETROLATUM—36 cs, Vestvangen, La Guaira
PETROLEUM—24 tons, Syros, London
CRUDE—9,790 tons, Myriam, Trieste
PINETAR—2 dms, Wawa, Alvaro Obregon; 8 dms, St Mary, Vera Cruz; 5 dms, Nordvangen, Georgetown; 5 dms, Vestvangen, Willemstad; 5 dms, Contessa, Cartagena
ROOT, CULVERS—1 bl, Daytonian, Manchester
ROSIN—40 bbls, Vestvangen, Port of Spain; 5 bbls, Amapala, Paita
GUM—10 dms, Vestvangen, Willemstad; 30 dms, Amapala, Mollendo
WOOD—25 dms, Contessa, Talcahuano
STARCH, POWD—68 tons, Edam, London
SALT—(Contessa) 7 tons, Puerto Cabezas; 8 tons, Ceiba; 1 ton, Cefalu, Puerto Cabezas
EPSOM—20 bbls, St Mary, Vera Cruz
SOAPSTOCK, COTTONSEED—4 tons, Edam, London
SODA, ASH—25 bbls, Contessa, Colon
CAUSTIC—65 dms, Amapala, Havana
SULPHUR—102 tons, Morazan, Vera Cruz; (St Mary) 421 sx, Tampico; 64 tons, Vera Cruz
CRUDE—4,000 tons, Meanticut, Garston
TRIPOLI—27 tons, West Harshaw, Havre
TURPENTINE—100 cs, Contessa, Valparaiso; 104 dms, Vestvangen, La Guaira
WAX—1,269 sx, Morazan, Vera Cruz; 27 tons, Daytonian, Manchester
CRUDE, SCALE—22 tons, West Camak, Glasgow

Philadelphia Exports

Clearance Dates

Black Eagle, January 28; Blankaholm, January 27; Blommersdijk, January 27; City of Worcester, January 25; Coldbrook, January 27; Excello, January 23; Exmouth, January 25; Manchester Hero, January 22; Mangalore, January 23; Noto, January 25; Uruguayo, January 26; Vaclite, January 23; West Humhaw, January 23; Winkler, January 26; Yomachichi, January 23

AMMONIA, ANHYD—95 cyls, City of Worcester, Karachi
ANTI-KNOCK COMP—125 dms, 146 dms, Mangalore, London
ASBESTOS POWDER — 500 bgs, Uruguayo, Buenos Aires
BENZOL—(Winkler) 336,636 gls, Havre; 655,138 gls, Rouen; 1 cs, Antwerp; 125 dms, Uruguayo, Buenos Aires
BLACK, BONE—5 dms, City of Worcester, Bombay
CEMENT—4 dms, Blankaholm, Stockholm
SEALING—1 cs, City of Worcester, Madras; 2 cs, Noto, Kobe; 7 crtns, Exmouth, Istanbul
CHROME ORE—25 tons, Manchester Hero, Manchester
CLAY—4 bgs, Mangalore, London; 1 bg, City of Worcester, Calcutta
CLEANING COMP—15 bbls, Manchester Hero, Liverpool
COCOA CAKE—(Blommersdijk) 52 bgs, Amsterdam; 429 bgs, Koog Zaan
WASTE—1,769 bgs, Blommersdijk, Amsterdam
DYEWOOD EXTRACT—(Manchester Hero) 13 bbls, Liverpool; 5 bbls, Manchester; 5 bbls, City of Worcester, Madras
GASOLINE—(West Humhaw) 6,000 cs, 500 dms, Dakar; 300 cs, Bathurst; 1,000 cs, 150 dms, Bissao; 1,000 cs, Freetown; 700 cs, Monrovia; 1,000 cs, Sassandra; 6,100 cs, Port Bouet; 1,600 cs, Takoradi; 1,000 cs, Saltpond; 1,200 cs, Accra; 1,000 cs, Lome; 4,000 cs, Lagos; 3,000 cs, Port Harcourt; 500 cs, Calabar; 2,000 cs, Duala; 11,855 bbls, Winkler, Antwerp
GREASE, LUBRICATING—2 bbls, 1 dm, Manchester Hero, Liverpool; 3 dms, Yomachichi; Bombay; 15 dms, Black Eagle, Antwerp; (City of Worcester) 5 cs, Bombay; 6 dms, Djibouti; 300 cs, 25 qtr dms, Bandarshapar; (Noto) 2 cs, Yokohama; 1 cs, Kobe; 90 crtns, 7 pls, Exmouth, Istanbul; (Uruguayo) 1 crtn, Montevideo; 4 dms, Buenos Aires; (Blommersdijk) 10 dms, Rotterdam; 3 dms, Amsterdam
INSECTICIDE—1 dm, Mangalore, Erith; 10 cs, West Humhaw, Bissao
LICORICE PASTE—100 cs, Mangalore, London; 70 cs, 3 dms, Manchester Hero, Liverpool; 50 cs, Black Eagle, Antwerp; 5 cs, Blankaholm, Trondhjem
LINSEED CAKE—5,670 bgs, Black Eagle, Antwerp-Rotterdam
MEAL—2,030 bgs, Black Eagle, Antwerp-Rotterdam
MANGANESE ORE — 220 bgs, Uruguayo, Montevideo
CONCE—7 bbls, Yomachichi, Bombay
MEDICINAL PREP'S—(Yomachichi) 37 bxs, Bombay; 13 bxs, Colombo; 20 bxs, Madras; (City of Worcester) 1 cs, Calcutta; 3 cs, Madras
NAPHTHA—2 dms, Manchester Hero, Manchester
OIL, COALTAR—1 dm, Blommersdijk, Amsterdam
ILLUMINATING—(West Humhaw) 2,000 cs, Dakar; 300 cs, Bathurst; 25 dms, 250 cs, Bissao; 1,700 cs, Freetown; 1,000 cs, Monrovia; 100 cs, Sassandra; 1,400 cs, Port Bouet; 1,000 cs, Takoradi; 350 cs, Saltpond; 250 cs, Accra; 1,500 cs, Lome; 1,000 cs, Lagos; 500 cs, Port Harcourt; 1,000 cs, Calabar; 1,000 cs, Duala
LUBRICATING—278 bbls, 313 dms, 1 pkg, Mangalore, London; (West Humhaw) 10 cs, Dakar; 1 cs, Duala; (Vaclite) 16,548 bbls, London and/or Birkenhead; 10,375 bbls, Bremen; 2,228 bbls, Czechoslovakia; 250 bbls, Hungary; 667 bbls, Austria; 464 bbls, Jugoslavia; (Manchester Hero) 393 bbls, 95 dms, Liverpool; 1 cs, 454 bbls, 20 dms, Manchester; 150 bbls, Birkenhead; (Yomachichi) 205 dms, 4,083 pkgs, Karachi; 460 dms, 660 pkgs, Bombay; 683 pkgs, Colombo; 14 dms, 425 pkgs, Madras; 212 dms, 1,110 pkgs, Calcutta; 209 pkgs, Port Said; 221 pkgs, Basra; (Winkler) 200,285 gls, 8,913 bbls, 1 cs, Antwerp; 3,896 bbls, Hamburg; (Black Eagle) 45 pkgs, 75 bbls, 1 kg, Antwerp; 1 pkg, Basle; (Excello) 465 dms, Naples; 50 bbls, Marseilles; (City of Worcester) 100 dms, 800 pkgs, Calcutta; 10 cs, 388 dms, 24 qtrs dms, 2,050 pkgs, 5 dms, Alexandria; 8 dms, Djibouti; 1,050 pkgs, Karachi; 300 pkgs, Madras; 100 dms, Basrah; 60 dms, 30 half dms, 56 cs, Bandarshapar; (Noto) 1 cs, 4,572 dms, Yokohama; 1 cs, 955 pkgs, Kobe; 773 dms, Moji; 95 crtns, 36 dms, 540 pkgs, Exmouth; Istanbul; (Uruguayo) 1 crtn, 39 dms, Montevideo; 155 dms, 83 pkgs, Buenos Aires; 927 pkgs, Rio de Janeiro; (Blankaholm) 645 pkgs, Gothenburg; 30 bbls, 20 half bbls, 128 pkgs, Malmo; 35 bbls, 866 pkgs, Stockholm; 56 pkgs, Helsingborg; 16 pkgs, Sundsvall; 118 pkgs, Norrkoping; 169 pkgs, Helsinki; 6 bbls, Coldbrook, Buenos Aires; 25 dms, Blommersdijk, Amsterdam
TRANSFORMER—20 bbls, Mangalore, London; 50 bbls, Manchester Hero, Birkenhead
PAINT—3 cs, Noto, Yokohama; 96 crtns, Exmouth, Istanbul
PARAFFIN — (Manchester Hero) 306 bbls, Liverpool; 1,554 bbls, Manchester; 153 bgs, Yomachichi, Bombay; 100 bgs, Blankaholm, Stockholm
REFINED—102 bgs, City of Worcester, Tuticorin; (Uruguayo) 2 bxs, Rio de Janeiro; 381 bgs, Buenos Aires
PETROLATUM—119,300 lbs, Vaclite, London and/or Birkenhead
POLISH, METAL—(Noto) 8 cs, Yokohama; 8 cs, Kobe
RESIN, COALTAR—8 dms, Mangalore, London
SAND, FILTER—98 bgs, Black Eagle, Antwerp
SOAP—1 cs, Noto, Yokohama
LAUNDRY—300 bxs, Mangalore, London; 300 bxs, Manchester Hero, Manchester
TOILET—50 crtns, Manchester Hero, Liverpool
SODA, CYANIDE—1 dm, City of Worcester, Bombay
TANNING EXTRACT, DRY—50 bxs, Manchester Hero, Manchester
MATERIAL, DRY—7 bbls, Coldbrook, Buenos Aires
TITANIUM ORE—52 bgs, Manchester Hero, Manchester
PIGMENT—1 dm, Manchester Hero, Chesire
TRIMETHYLAMINE — 5 cyls, Manchester Hero, Huddersfield
VARNISH, TRANSPARENT — 1 dm, Manchester Hero, Liverpool
WATERPROOFING COMP — (Uruguayo) 20 sks, Santos; 41 bbls, Buenos Aires

Port Arthur Exports

Clearance Dates

Henning Maersk, January 21; Oregon, January 18; South America, January 22

ASPHALT—6 cs, South America, Santos
GASOLINE—50 dms, Henning Maersk, Buenos Aires; (South America) 36,000 bbls, Santos; 12,980 bbls, Rio de Janeiro; 500 cs, 1,263 bbls, Sao Paulo
GREASE, LUBRICATING—17 dms, 12 bbls, 8 cs, Henning Maersk, Buenos Aires
KEROSENE—48 dms, 384 cs, Henning Maersk, Buenos Aires; (South America) 8,000 bbls, Santos; 4,000 bbls, Rio de Janeiro
OIL, DIESEL—(South America) 2,000 bbls, Santos; 2,000 bbls, Rio de Janeiro
FUEL—43,359 bbls, Oregon, Antwerp
LUBRICATING—1,065 dms, Oregon, Antwerp; 712 dms, 516 bbls, 191 cs, Henning Maersk, Buenos Aires; 187 dms, 2 bbls, 550 cs, South America, Santos
PARAFFIN—1,039 dms, Oregon, Antwerp
PETROLEUM, CRUDE—13,754 bbls, Oregon, Antwerp; 105,061 bbls, Henning Maersk, Buenos Aires

San Francisco Exports

Clearance Dates

Charlie Watson, January 26; Lossiebank, January 26; Miralda, January 26

GASOLINE—100,000 bbls, Miralda, Curacao
CASING HEAD—4,400 bbls, Charlie Watson, Vancouver
OIL, DIESEL—5,190 bbls, Lossiebank, China
LUBRICATING—11,347 bbls, Lossiebank, China

Savannah Exports

Clearance Dates

Atlanta City, January 25; Stentor, January 25

GLUCOSE—150 bbls, Stentor, Manila
ROSIN, GUM—(Stentor) 150 bbls, Manila; 870 dms, 500 bbls, Shanghai; 45 bbls, Dairen
TURPENTINE, GUM—20 cs, Atlanta City, Rangoon

Tampa Exports

Clearance Dates

Cuba, January 20; General Tosta, January 21; Tsuyama, January 18

GASOLINE—6 dms, General Tosta, Belize
INSECTICIDE—4 dms, Cuba, Havana
OIL, FUEL—30 dms, General Tosta, Belize
PHOSPHATE—3,004 tons, Tsuyama, Yokohama

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—4,075 bbls, Halsey, New York
NAPHTHA—21,317 bbls, Eugene V R Thayer, Houston; 4,892 bbls, Halsey, New York
OIL, FUEL—4,229 bbls, Cities Service Missouri, New York
PETROLEUM, CRUDE—96,351 bbls, Thermo, Texas City; 142,994 bbls, W S Farish, Baytown; 43,982 bbls, Dannedaike, Texas City; 102,643 bbls, F Q Barstow, Baytown; 63,663 bbls, Halsey, New York; 65,240 bbls, Franklin K Lane, Baytown; 38,640 bbls, Cities Service Missouri, New York; 93,405 bbls, Cities Service Empire, Marcus Hook; 65,240 bbls, S B Hunt, Baytown; 65,793 bbls, Beta, Texas City; (Federal) 29,998 bbls, Houston; 26,674 bbls, Port Arthur

Los Angeles Coast Trade

GASOLINE — 66,631 bbls, Agwiworld, San Francisco; 44,000 bbls, Mojave, Seattle; 52,674 bbls, Arizona, Portland; 850 bbls, S & C No 2, San Diego; 7,198 bbls, Emidio, Portland; 72,468 bbls, Lebec, Oakland; 3,316 bbls, S & C No 41, San Diego
KEROSENE — 5,900 bbls, Mojave, Seattle; 3,584 bbls, Arizona, Portland
OIL, DIESEL—18,005 bbls, Agwiworld, San Francisco; 25,000 bbls, Mojave, Seattle; 3,941 bbls, S & C No 2, San Diego; 10,534 bbls, Tejon, Portland; 1,296 bbls, S & C No 41, San Diego
FUEL—60,000 bbls, Eagle, Portland; 6,500 bbls, Mojave, Seattle; 58,308 bbls, Tejon, Portland; 60,344 bbls, Emidio, Portland
FURNACE—3,712 bbls, Lebec, Oakland

Cargo Ship Arrivals

January 30 to February 12

New York

Agwistar	Vera Cruz*	Feb 3
Almena	Puerto Plata	Feb 3
American Banker	London*	Feb 8
American Farmer	London*	Feb 1
American Importer	Liverpool*	Feb 8
American Legion	Buenos Aires*	Feb 10
Amerikaland	Cruz Grande	Feb 7
Ancon	Cristobal*	Feb 1
Angelina	San Juan	Feb 8
Argentino	Santos*	Feb 9
Australind	Wellington*	Feb 1
Badjestan	River Plate	Feb 12
Batary	Gdynia*	Feb 8
Beemsterdijk	Rotterdam*	Feb 1
Black Falcon	Antwerp*	Feb 9
Black Hawk	Antwerp*	Feb 12
Black Osprey	Antwerp*	Feb 6
Black Tern	Rotterdam*	Feb 1
Bodnant	Freetown	Feb 3
Borinquen	Trujillo*	Feb 1
Bristol City	Fowey*	Feb 7
Cacique	Pisco*	Feb 9
Calamares	Santa Marta*	Feb 11
Calumet	Freetown*	Feb 12
Caracas	La Guayra*	Feb 4
Champlain	Havre*	Feb 9
City of Dalhart	Melbourne*	Feb 8
City of Fairbury	Gothenburg*	Feb 1
City of Wellington	Batavia*	Feb 11
Cosmo	Trujillo*	Feb 8
Coldbrook	Buenos Aires*	Feb 4
Conte de Savoia	Genoa*	Feb 11
Cubano	Rio de Janeiro	Feb 2
Curaca	Callao*	Feb 6
Dessau	Port Kembla*	Feb 7
Eastern Prince	Buenos Aires*	Feb 3
Eberstein	Port Natal	Feb 10
Emile Francqui	Antwerp	Feb 3
Emilia	San Juan	Feb 1
Estrella	Marseilles*	Feb 11
Europa	Bremen*	Feb 8
Examelia	Genoa*	Feb 6
Examiner	Salonica*	Feb 1
Excambion	Beirut*	Feb 5
Exmouth	Oran*	Feb 1
Fernbrook	Manila*	Feb 3
Flora	Maracaibo*	Feb 8
Fordefjord	St Pierre*	Feb 11
Fort Amherst	Buenos Aires	Feb 8
Fort Townshend	Trinidad*	Feb 8
Frode	Soderhamn*	Feb 1
Frost	Buenos Aires*	Feb 4
Gateway City	Antwerp	Feb 4
Golden Sea	Bahia*	Feb 2
Guayaquil	Port au Prince*	Feb 8
Haiti	Cristobal*	Feb 1
Hamburg	Hamburg*	Feb 5
Hameln	Rosario*	Feb 10
Hansa	Hamburg*	Feb 12
Hankefjell	London*	Feb 6
Hoegh Carrier	Kobe*	Feb 1
Hoegh Transporter	Trieste*	Feb 10
Ida	Trieste*	Feb 10
Ilsenstein	Antwerp	Feb 11
Independence Hall	Havre*	Feb 12
Kaganovich	Leningrad*	Feb 12
Kelso	Hull	Feb 10
Kerston Miles	Sundsvall*	Feb 9
Kharkov	Novorossisk*	Feb 8
Klyosumi	Manila*	Feb 9
Koranton	Buenos Aires	Feb 1
Kota Inten	Batavia*	Feb 5
Livenza	Palermo*	Feb 6
M C Holm	Hamburg	Feb 4
Markhor	Calcutta*	Feb 6
Martinique	Jacmel	Feb 1
McKeesport	Dundee*	Feb 12
Medea	Maracaibo*	Feb 1
Munargo	Havana*	Feb 4
Musa	Puerto Barrios*	Feb 11
Nankai	Hongkong*	Feb 12
New Brunswick	Accra*	Feb 12
Nordhavet	Genoa*	Feb 8
Norefjord	Gefle*	Feb 6
Norfolk	Kobe*	Feb 5
Oriente	Havana	Feb 2
Pastores	Cristobal*	Feb 8
Peter Maersk	Manila*	Feb 9
Phemius	Hongkong*	Feb 10
Pipestone County	Dunkirk*	Feb 2
Platano	Puerto Barrios*	Feb 4
Ponce	San Juan	Feb 9
President Roosevelt	Hamburg*	Feb 12
Rigel	Buenos Aires*	Feb 8
Rex	Genoa*	Feb 4
Rheseus	Batavia*	Feb 3
Robin Gray	Mombasa*	Feb 5
Ryoyo	London*	Feb 4
Sagaporack	Gothenburg*	Feb 3
Samaria	Liverpool	Feb 8
San Juan	San Juan	Feb 2
Santa Lucia	San Antonio*	Feb 9
Santa Maria	San Antonio*	Feb 2
Sarcoxie	Havre*	Feb 5
Saturnia	Trieste*	Feb 10
Scanstates	Gdynia*	Feb 11
SeatrainHavana	New Orleans*	Feb 2
Seatrain New York	New Orleans*	Feb 9
Seisho	Yokohama*	Feb 1
Silversandal	Batavia*	Feb 3
Spaarndam	Antwerp	Feb 6
Spreybank	Calcutta*	Feb 12
Steel Voyager	Honolulu*	Feb 8
Stolzenfels	Bremen	Feb 10
Swinburne	Santos*	Feb 8
Tachira	Curacao*	Feb 11
Tai Ping	Manila*	Feb 1
Toloa	Santa Marta*	Feb 4
Unicol	Manila*	Feb 8
Veendam	Rotterdam*	Feb 8
Velox	Rosario	Feb 7
Vigor	Hernosund*	Feb 2
Washington	Hamburg*	Feb 5
West Cawthon	Mombasa*	Feb 10
Wiegand	Melbourne*	Feb 4
Yucatan	Vera Cruz*	Feb 7

* And other ports

Recent Charters

PETROLEUM—11,500 tons, S S Beduin, clean, California, Australia, 26s 9d, Australian currency; March
7,500 tons, S S Solsten, clean, United States Gulf, French Atlantic, 17s; January 28-February 10
12,500 tons, S S Athos, clean and/or dirty trade, two years' time charter, 5s 6d; May-June delivery United States Gulf; redelivery, United Kingdom, Continent or Far East
7,500 tons, S S Ruth, clean, Aruba, Lisbon, Leixoes-Fedahah, 13s 6d; Lagos, 17s; Ango-Ango, 18s; two trips from March 20-April 5
14,000 tons, S S Marina, clean, Aruba, 12s 9d; United States Gulf, United Kingdom, Continent, 16s; February
9,000 tons, S S Britta, gas oil, Aruba, Curacao, United Kingdom, Continent, 13s 6d; February
7,700 tons, S S Venetia, clean, Aruba, Curacao, United Kingdom, Continent, 12s 6d; February
14,000 tons, S S Havkong, clean, Abadan, United Kingdom, Continent, 26s; Mediterranean, 24s; Scandinavia, 27s; March
10,000 tons, S S Malmanger, Tampico, Curacao, 5s 3d, followed by Curacao, United Kingdom, Continent, 11s 9d
12,000 tons, S S Jotunfjell, clean, Abadan, United Kingdom, Continent, 26s; Mediterranean, 24s; Scandinavia, 27s; March
11,700 tons, S S Nore, gas oil, Venezuela, United Kingdom, Continent, 13s; February-March
8,000 tons, S S Liss, dirty, Haifa, Tripoli, Pauillac, 10s; Pauillac and Rouen, 11s 1½d; February
8,000 to 8,500 tons, S S Superga, gas oil, United States Gulf, French Atlantic, 16s 6d; February-March
13,000 tons, S S Anna Knudsen, dirty, Constanza, Dunkirk, 11s 9d; February
10,500 tons, S S Morgenen, fuel oil, Aruba, South Georgia, 18s 7½d, owners paying extra insurance; February

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administrations that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended February 3

Aconite, 20 bags; not U.S.P.
Caraway seed, 200 bags; filthy.
Cardamom, 9 cases; filthy.
Cassia oil, 13 drums; not U.S.P.
Chlorophyl, technical, 5 casks; restricted use.
Cocoa beans, 1,473 bags; moldy.
Codliver oil, poultry, 14 drums; restricted use.
Henbane, 93 bales; not U.S.P.
Jalap root, 33 bags; not National Formulary.
Mace, 5 cases; filthy.
Medicinal balsam, 47 cases; restricted use.
Medicinal preparation, 1 case; alcohol and property declared.
Medicinal preparation, 5 cases; false therapeutic claims, misbranded as to composition.
Medicinal preparation, 3 cases; false therapeutic claims.
Medicinal preparation, 8 cases; misbranded as to composition.
Mustard seed, 130 bags; filthy.
Nutmegs, technical, 138 bags; restricted use.

Baltimore

Week Ended February 3

Codliver oil, poultry, 120 drums; restricted use.

Boston

Week Ended February 3

Nutmegs, 50 bags; moldy.
Savory leaves, 6 bales; filthy.

Buffalo

Week Ended February 3

Medicinal preparations, 9 cases; false therapeutic claims.

Los Angeles

Week Ended January 28

Medicinal preparations, 60 pieces; false therapeutic claims.

Seattle

Week Ended January 28

Anchovy paste, 50 cases; undeclared non-permitted color.
Cod rose paste, 25 cases; undeclared non-permitted color.
Salmon paste, 50 cases; undeclared non-permitted color.

Oils, Fats and Waxes

Fats and Greases

(Continued from page 39)

tations being shaded ¼c. per pound. There was a fair inquiry.

Tallow.—The situation continued to be featured by a rather easy tone in the absence of any change in the attitude of consumers, many of whom appeared to be disposed to adhere to a waiting policy in view of recent developments in other fats. Sales were reported at 8¾c. per pound for extra, f. o. b. showing a further decline of ⅜c. per pound. An easier tone was also reported in the West, sales being reported early in the week at 9¼c. to 9⅜c. per pound for prime packers, Chicago basis, with bids ¼c. under these figures later on. At an auction in London on Wednesday offerings were 807 casks, of which 147 were sold at prices showing an advance of 6d. to 1s. per cwt. as compared with the last previous auction.

Following is a record of the market for tallow futures on the New York Produce Exchange from January 30 to February 5, inclusive:—

	Cents per lb. in tanks. High.	Low.	Close.	Sales. Tanks.
February	...	...	8.60 nom.	..
March	...	...	8.60@ 9.05	..
April	...	...	8.75 nom.	..
May	9.00	8.90	8.85@ 9.10	2
June	...	...	8.85@ 9.15	..
July	8.95	8.95	8.90@ 9.20	1
Total sales				3

Markets at Other Centers

Chicago, Feb. 5.—Following some sharp reactions in values, the cash lard market has been inclined toward considerable irregularity here lately. Volume of transactions and of material involved seem to be of fair extent. The buyers are cautious and are watching the course of the futures market values. Statistics are also being studied closely.

The range of lard quotations from the opening Saturday, January 30, to the close Friday, February 5, is shown in the following table:—

	Per 100 pounds Open.	High.	Low.	Close.	Previous Friday.
Cash	$12.85	$12.85	$12.65	$12.75	$12.85
May	13.12	13.22	12.80	13.15	13.20
July	13.30	13.42	13.00	13.35	13.40

TALLOWS (tierces).—Edible, 10½c. to 10¾c. per pound; prime, 9½c. to 9¼c.; fancy, 9⅛c. to 9¼c.; special, 8⅞c. to 9c.; No. 1, 8⅝c. to 8¾c.

GREASES (tierces).—Choice white, 9¼c. to 9½c. per pound; A white, 9c. to 9⅛c.; B white, 8¾c. to 9c.; yellow, 10-16, 8⅜c. to 8½c.; yellow, 16-20, 8¼c. to 8⅜c.; brown, 7¾c. to 8c.

STEARINS (barrels).—Prime oleo, 11½c. to 11¾c. per pound; lard, packages, 13c.; A white grease, 9½c. to 9⅝c.; yellow grease, 8¾c. to 9c.; extra oleo stocks, 13¼c. to 13½c.; No. 2 stocks, 12½c. to 13c. (Oleo stocks in car lots.)

Liverpool, Feb. 5.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	May. s.	d.	July. s.	d.
Saturday	57	0	59	0	59	3
Monday	57	0	58	9	59	3
Tuesday	56	9	57	0	57	0
Wednesday	55	6	56	9	56	9
Thursday	55	0	56	3	57	9
Friday	56	0	57	0	56	9

Liverpool, Feb. 5.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	30	6	29	3
Monday	30	6	29	3
Tuesday	30	9	29	0
Wednesday	30	9	29	0
Thursday	29	6	27	3
Friday	29	6	27	6

Fatty Acids

Red Oil. — The market retained a steady tone, quotations being held at previous levels. Trade was fairly active. Production during the quarter ended with December last was 12,170,266 pounds; consumption 7,755,090 pounds; factory and warehouse stocks at the close of December 7,292,348 pounds.

Stearic Acid.—Selling schedules were maintained at former levels by makers, the tone of the market being steady despite a further decline in tallow. There was a fairly active demand from local and other consumers. Production during the quarter ended with December was 9,570,483 pounds; consumption 3,691,665 pounds; factory and warehouse stocks at the close of the period 4,535,773 pounds.

Markets at Other Centers

Chicago, Feb. 5.—Considerable steadiness and healthy tone continues in the fatty acid market here. Prices are still holding firm at about the best levels of the current period. Buyers, while not exceptionally anxious to lay in large supplies, have continued to come in for moderate to good-sized lots of material, in such way as to provide a rather steady stream of movement of material. Special cottonseed material is giving a good market performance. Strength continues to be noted in the red oils and stearic acids.

FATTY ACIDS.—Corn oil, double distilled, 8¼c. to 8½c. per pound, tankcar; 8¾c. to 9c., tankcar; 9¼c. to 9½c., barrels, less than car lots; coconut oil, acidulated, 9c. to 9¼c. per pound, tankcar, partly nominal; 9½c. to 9¾c., barrels, car lots; 10c. to 10¼c., barrels, less than car lots; cottonseed oil, double distilled, 8¼c. to 8½c., tankcar; 8¾c. to 9c., barrels, car lots; 9¼c. to 9½c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis, 4c. to 4¼c.; boiled down soap stock, 65 percent basis, 5c. to 5¼c.; cottonseed foots, 50 percent basis, 2⅞c. to 3c.

STEARIC ACID.—Single press, distilled, 12c. to 13c. per pound; double press, 12½c. to 13½c.; triple press, 15¼c. to 16¼c.

RED OILS.—Distilled or saponified, drums, 11½c. to 12½c. per pound; barrels, 11⅝c. to 12⅝c.

Waxes

Bees.—The market held strong and prices lacked any signs of a change favorable for manufacturing consumers. The high cost of crude yellow wax has fixed a strong undertone to the market for bleached and refined yellow material. Demand has also been an active factor in the steady rise in values over a period of time.

Candelilla.—A steady market in which demand was moderately active and in which prices were well maintained at all times last week was reported locally. Replacement costs were also quite steady in the primary market.

Carnauba.—Most sellers reported that demand had decreased somewhat, leaving the market a rather quiet affair during the past week. Also, some quarters said Brazil was a somewhat easier market than it had been and that had a tendency to check local trading. Finally, some 6,000 bags of wax are due on a ship at a very nearby date and there were those who felt that a surplus of stocks would exist after contract deliveries had been made. For the time being at least, conditions appeared to be more favorable to buyers than they had been recently.

Ceresin.—Domestic ceresin was fractionally higher because of production costs. Quotations were as follows: 138 to 140 degrees m. p., ton lots, 8½c. per pound; jobbing lots, 9½c.; 150 to 160 degrees m. p., ton lots, 9½c; jobbing lots, 10½c.; 160 degrees m. p., ton lots, 10½c.; jobbing lots, 11½c.

Japan.—The market was entirely firm and lacking competitive influences. Because of the fact that import costs were virtually even with spot asking prices, the situation was one of substantial strength and most factors expected further advances in price.

Montan.—The higher price levels recently announced prevailed firmly last week and the demand was normally satisfactory and active throughout the period. Shipment prices were declared to be very firm abroad.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Equipment Offered

FROM the $10,000,000 Spreckels liquidation—Five No. 4 Vallez rotary filters; 1 Shriver filter press, 32-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 2,000 tons pipe valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; large assortment laboratory equipment and library; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant, Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

FOR SALE.—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 896, Oil, Paint and Drug Reporter.

FIND WHAT you want right in New York City. Pony mixers, post mixers, Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Co., 123 Bleecker street. SPring 7-8955.

PEBBLE MILLS, 1, 2, 4 jars, 16, 25, 50, 75, 100 gallons; No. 12 Sweetland filter; Swenson & Zaremba evaporators; No. 2 Abbe rotary cutter; 2 truck dryer. Edw. W. Lawler, Inc., Durham avenue and L. V. R.R., Metuchen, N. J.

Equipment Wanted

WANTED, AT ONCE: Laboratory 3 roller mill for making paint samples. Must be in good condition and prefer direct motor drive. BOX 910, Oil, Paint and Drug Reporter.

Factories Offered

CALCIMINE and whiting factory located on Long Island City waterfront; approximately 75 x 230; for rent, including machinery; reasonable. Harry I. Stein, 551 Fifth avenue, New York.

MODERN FACTORY.—Two story and basement, brick, 50x100, railroad siding, steam, 3 ton Otis elevator, 8 feet by 14 feet, high ceilings. Unrestricted district in Brooklyn. Low rent. The R. L. Kraft Company, Woolworth Building. COrt. 7-9377.

Materials Offered

AIRPLANE DOPE, clear acetate, in steel drums; 5,000 gals. and upward; Atlantic seaboard; good material, very low price. Henry K. Fort Co., 2227 N. American street, Philadelphia, Pa.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 895, Oil, Paint and Drug Reporter.

Positions Vacant

PAINT MANUFACTURING plant looking for executive to take charge of sales and operations, to start with moderate salary and liberal share of profits. Present capacity of approximately 2,000 gallons per day; will increase as business warrants. Applicants must be experienced in this line. Applications must contain full details of experience for consideration. BOX 911, Oil, Paint and Drug Reporter.

WANTED.—First class color maker for plant to be started in large midwest city. Must be expert in manufacture of colors for printing ink trade. BOX 912, Oil, Paint and Drug Reporter.

CHEMICAL ENGINEER, qualified by extensive experience to take entire directions, including formulation, production, etc., large, long-established plant, Metropolitan area, producing pyroxylin and rubber products for international distribution; salary plus bonus. Give full particulars; confidence assured. BOX 916, Oil, Paint and Drug Reporter.

Positions Wanted

EXECUTIVE AVAILABLE—Technical man, 25 years' experience in glue and gelatin, now employed, ready to consider new connection, production or sales. BOX 879, Oil, Paint and Drug Reporter.

CHEMIST, 26, B.S. and post graduate work with major in organic biochemistry and analytical chemistry, experienced in synthetic organic and biochemical research; chief chemist in hospital; references. BOX 906, Oil, Paint and Drug Reporter.

ABLE CHEMIST open for responsible situation; experienced as consulting chemist, assistant to president, and director of research and development. Unusually broad experience in diversified lines and very highest references. BOX 909, Oil, Paint and Drug Reporter.

ANALYTICAL CHEMIST with experience in organic acids, varnish and cement. BOX 913, Oil, Paint and Drug Reporter.

RESEARCH CHEMIST with experience in rubber and lacquers. BOX 914, Oil, Paint and Drug Reporter.

EXPERIENCED DEVELOPMENT chemist who has had work in dyestuffs and leather. BOX 915, Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought.. Chemical Service Corp., 101A East 19th street, New York. Stuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, porcelain and silex lined, 10 to 1960 gals, some with roller bearings.
5—Colton Stokes & Mulford Tablet Machines, ½" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—36" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
4—Day 12x33 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
2—700 gal. Duriron Jack. Kettles, closed.
2—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
25—Filter Presses, 6" to 42" size.
5—Buffalo 32"x90" Double Drum Atmospheric Dryers
2—W. & P. Jacketed Mixers, 100 gal., power tilting, heated sigma blades.
9—Devine and Buffalo Vacuum Shelf Dryers, assorted sizes.

Miscellaneous; Dryers; Mixers; Filters and Filter Presses; Kettles; Pulverizers Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

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WETENGELL double acting, for Spelter and other retorts and pots.
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HYDRAULIC

Watson-Stillman and other makes—12", 24", and 30" for plastic molding.

MISCELLANEOUS

Clearfield Briquette or Brick press, hand operated.
Kuhn Jacobs screw press, 9 x 12" platen, 12" daylight, foot operated, kick-out.
Colton No. 1 Suppository Press, belt driven.
Dunning & Boschert knuckle joint presses, platens 9½" x 29" and 21" x 25", 18" daylight.
Fruit (Hydraulic Press Co.) 32" x 42", 21" daylight, motor operated with AC motor.

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Fertilizer Materials

(Continued from page 52)

$26 per ton; 200-pound bags, $27.50 per ton; bulk lots, $26 per ton, all ex vessel San Francisco/Oakland.

AMMONIA SULPHATE.—Quoted at $27.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles, and $28.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $29.50. Prices good for delivery to June.

AMMONIA PHOSPHATE.—Quoted at $38 per ton, single bags; $38.50 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16 percent N., 20 percent P. A.

POTASH NITRATE.—100-pound bags, $33 per ton, ex vessel or warehouse, San Francisco/Oakland.

SUPERPHOSPHATE. — Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor; bags, 85c. to 90c. per unit. Foreign material, 67½c. to 70c. per unit, in bags, c.i.f. Pacific Coast.

FISH MEALS.—California sardine meal is easier, although stocks have become somewhat scarce, owing to the sardine fishing strike. Quoted today at $50 per ton, prompt to deferred shipment, f.o.b. cars, Monterey/San Francisco. Japanese meal is quoted on the basis of $40 to $41.50 per ton, fertilizer grade, ex dock, San Francisco.

TANKAGE.—Local packing house ground fertilizer grade quoted at $3.65 and 10c. per unit-ton, f.o.b. cars, San Francisco and Los Angeles. Dry rendered, domestic ground, quoted at $1 per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 87½c. per unit.

BONE MEAL.—Domestic steamed bone meal quoted in range according to seller and quality, at $25 to $32 per ton, delivered Pacific Coast ports.

BLOOD MEAL.—Domestic quoted nominally at $3.65 to $4 per unit, f.o.b. cars, San Francisco and Los Angeles. A New Zealand offering was reported in the market during the week at $3.65.

French Potash Plans Involve Nationalization

A proposal is before the French senate to reserve all future potash discoveries as a state monopoly. The Alsatian potash mines would be made a largely self-governing concern, the government maintaining a sort of overriding control.

Creation of a buying and selling monopoly is under way, but the government will reserve the right to fix prices. Imported potash would be sold to domestic consumers at a preferentially low rate, but not below the price fixed by Alsatian potash.

Constitution of a company is contemplated with a view of carrying out prospecting work in the potash deposits of the Landes district, now held by the Societe Miniere du Sud-Ouest. This follows the government's decision to authorize the domanial potash mines to take over an important share in the new enterprise, according to information received by the Department of Commerce from the assistant trade commissioner at Paris.

New potash deposits have been discovered at a depth of 758 meters in the communes of Hettenschlag and Logelheim in the Haut-Rhin (Alsace). These deposits are said to be composed of three layers with a total thickness of 42 meters, the mineral having an 18.8 percent potash content.

If the exploitation of these potash deposits is undertaken, it is not expected that it will in any way interfere with the stability of the domestic market, as it would take at least five years to install the necessary equipment to work the new deposits, by which time it is hoped that both French and world consumption of potash will have still further increased.

Paint Materials

Glues and Binders

(Continued from page 36)

the flood but details were lacking in the local market as to how badly they were affected. At any rate, any curtailment of supply in the current tight condition of the market was important to the market as a whole. The prices were strong and although there was no change last week, it was likely that higher prices would be named at any time.

Shellac Importers Elect Rowe

The annual election for officers of the United States Shellac Importers' Association was held February 4 in the Downtown Athletic Club, this city. Officers were re-elected as follows:—President, Phillip Rowe; vice-president, Morris Rosen, of the Mantrose Corporation; treasurer, Ralph McClintock, of the MacLac Company. George Ashby, recently appointed secretary of the organization, was reappointed to serve during the ensuing year. The Board of directors will be comprised of the elected officers and, John Anderson, of Argenti & Co.; W. J. Jacobs, of Dings & Schuster; Louis Gillespie, of the Gillespie-Rogers-Pyatt Company; A. F. Lerden, of Alfred Kramer & Co., and Herbert Suhr, of C. J. Cornelis.

Petroleum Solvents, Lubricants, Fuels

(Continued from page 50)

KEROSENE.—42-44, water white, 4⅛c. to 4¼c.; 41-43, water white, 4c. to 4⅛c.

FURNACE OILS.—No. 1 prime white, 3⅞c. to 4c. per gallon; No. 1 straw, 3⅝c. to 3¾c.; No. 2 straw, 3⅝c. to 3¾c.; No. 2 dark, 3½c. to 3⅝c.; 32-36, dark, industrial gas oil, 2⅝c. to 2⅞c.

FUEL OILS.—No. 3, 3½c. to 3⅝c. per gallon; No. 4, $1 to $1.05 per barrel; No. 5, 77½c. to 82½c.; No. 6, 70c. to 75c.

New Orleans, Feb. 2.—The domestic market held its own this week, with quotations remaining at a steady level. Foreign inquiries and exports were both good. U. S. motor gasoline was quoted at 6c.; U. S. motor below 62 octane at 6c.; 63-67 octane at 6⅜c.; and 68-70 octane at 6⅞c.—all of the foregoing quotations being based on a per gallon rate at refinery.

Kerosene was quoted at 7⅜c. per gallon at refinery.

Good demand continued to be experienced on Bunker C fuel oil at a quoted price of 95c. per barrel at terminal and $1.00 per barrel delivered alongside. Industrial plants in this vicinity were quoted at $1.36 per barrel, delivered.

Atlantic Refining Company, Philadelphia, has contracted with the Sun Shipbuilding Company for a welded-construction tanker of 18,500 deadweight tons. The vessel, which will have a carrying capacity of 156,000 barrels, will be, it is said, the largest of welded construction in the world.

Index to Advertisements

Advance Solvents & Chemical Corp.... —
Alexander, Jerome.... 52
Ambassador, The.... —
American-British Chemical Supplies, Inc.... —
American Can Co.... 32
American Chemical Products Co.... —
American Chlorophyll, Inc.... 38
American Cyanamid & Chemical Corp. —
American Fluoride & Chemical Corp.. —
American Potash & Chemical Corp.... 42
American Seitz Filter Corp.... —
Anaconda .... —
Anderson-Prichard Oil Corp.... —
Ansbacher-Siegle .... —
Apex Chemical Co., Inc.... —
Atlantic Refining Co.... —
Aue, F., Co.... —

Baker, J. T., Chemical Co.... 40
Barium Reduction Corp.... 1
Barrett Company.... 28, 51
Belle Alkali Co.... 42
Benckiser, Joh. A.... —
Benzol Products Co.... —
Binney & Smith Co.... 34
Bradley, A. J., Mfg. Co.... 35
Brazil Wood Oil Corp.... —
Brode Corp., The.... 38
Bruecke, Albert H.... 33
Bureau of Chemistry.... 52
Bush, W. J., & Co., Inc.... —

Calco Chemical Co., Inc.... 59
California Fruit Growers Exchange.... 60
Campbell, Harry T., Sons Co.... 35
Carbide & Carbon Chemicals Corp.... 2
Carey, The Phillip, Co.... 42
Chemical Solvents, C. P., Inc.... 60
Chilean Nitrate Sales Corp.... 52
Church & Dwight Co.... 25
Cliffs-Dow Chemical Co.... 1
Colton, Arthur, Co.... 35
Columbia Alkali Co.... —
Columbian Carbon Co.... 34
Commercial Solvents Corp.... 10
Consolidated Products Co., Inc.... 58
Cooper, Chas., & Co.... —

Darling & Co.... —
Deep Rock Oil Corp.... 16
Delta Chemical & Iron Co.... 60
Diamond Alkali Co.... 27
Dodge & Olcott Co.... —
Doggett, Stanley, Inc.... 35
Dow Chemical Co.... 43
Draper Mfg. Co.... —
Drury, A. C., & Co., Inc.... 42
Dunkel, Paul A., & Co., Inc.... 45
DuPont de Nemours, E. I., & Co.... 1, 24

Eagle-Picher Lead Co.... —
Eastman Kodak Co.... —
Ehrmann-Strauss Co., Inc.... —
Electro Bleaching Gas Co.... 11
Emery Industries, Inc.... —
Eureka Machine ,Co.... —

Falk & Company.... 38
Fezandie & Sperrle.... 31
Filtrol Corp.... —
First Machinery Corp.... 58
Fluorine Products.... —
Frank-Vliet Co.... —
Franks Chemical Products Co.... —
Fritzsche Bros., Inc.... 47, 48

General Chemical Co.... —
General Dyestuff Corp.... —
General Electric Co.... —
General Plastics, Inc.... —
Givaudan-Delawanna, Inc.... 60
Glyco Products Co.... 42
Gogarty, H. A., Inc.... 54
Gray, William S., & Co.... 1
Gray Industrial Laboratories.... 52
Greeff, R. W., & Co., Inc.... 1
Gross, A., & Co.... 37
Gruman, J. B., Co.... 54
Gulf Oil Corp.... 31

Hammond, W. A.... —
Hammond Paint & Chemical Co.... —
Harshaw Chemical Co.... —
Heekin Can Co.... —
Heyden Chemical Corp.... 41
Hochstadter Laboratories.... 52
Holt, C. J., & Co., Inc.... 52
Hopkins, J. L., & Co., Inc.... 45
Huber, F., Inc.... 45
Huisking, Chas. L., & Co., Inc.... —
Hutchinson, D. W., & Co., Inc.... 47

Imperial Oil & Gas Products Corp.... —
Imperial Paper & Color Corp.... 35
Independent Mfg. Co.... —
Industrial Chemical Sales.... —
Innis, Speiden & Co.... —
International Pulp Co.... —
Irvington Smelting & Refining Works. 25

Jackson, L. N., & Co., Inc.... 37
Jones & Laughlin Steel Corp.... 29
Jungmann & Co., Inc.... 25

Kapper, Frederick P., Co.... —
Kentucky Color & Chemical Co.... 33
Knight, B. H.... 52
Koppers Products Co.... 29
Koster Keunen.... —
Krebs Pigment & Color Corp.... 12

Laning, E. M., Co., Inc.... 52
LaWall & Harrisson.... 52
Lewis, John D., Inc.... 35
Lueders, Geo., & Co.... 47

Magnetic Pigment Co.... —
Magnus, Mabee & Reynard, Inc.... 47
Mallinckrodt Chemical Works.... —
Mathieson Alkali Works, Inc.... 20
McCormick & Co., Inc.... 45
McNulty, Joseph A.... 33
Mechling Bros. Chemical Co.... 26
Merck & Company.... 6
Michel Export Co.... 31
Miel, George A.... 52
Minnesota Specialty Co.... —
Monsanto Chemical Co.... —
Murray & Nickell Mfg. Co.... 45
Mutual Chemical Co. of America.... 31

National Lead Co.... —
National Milk Sugar Co., Inc.... 42
National Rosin, Oil & Size Co.... 35
Neuberg, William, Inc.... 41
Neville Co.... —
New Jersey Zinc Co.... 36
New York Quinine & Chemical Works, Inc.... 18
Niacet Chemicals Corp.... 33
Niagara Alkali Co.... —
Nichols Copper Co.... 26
N. V. Potash Export My, Inc.... 51

Oldbury Electro-Chemical Co.... —
Orbis Products Corp.... 47
Orthmann Laboratories, Inc.... 52
Osborn, C. J., Co.... 33

Pacific Coast Borax Co.... 1
Pacific Food & Drug Laboratories, Inc.. 52
Pacific Vegetable Oil Corp.... —
Parsons, M. W.... 35
Pease Laboratories, Inc.... 52
Penick, S. B., & Co.... 44
Pennsylvania Coal Products Co.... —
Pennsylvania Refining Co.... 49
Pennsylvania Salt Mfg. Co.... —
Pfaltz & Bauer, Inc.... —
Pfizer, Chas., & Co., Inc.... 23
Potash Co. of America.... 52
Pressed Steel Tank Co.... —
Procter & Gamble.... 37, 41
Purdy, W. S., Co., Inc.... 52
Pure Calcium Products Co.... —

Reilly Tar & Chemical Corp.... —
Roger, Henry.... 52
Rosenthal, H. H. Co., Inc.... —
Ryland, H. C., Inc.... 47

Sadtler, Samuel P., & Sons, Inc.... 52
Schimmel & Co., Inc.... 47
Schofield-Donald Co., Inc.... —
Schwabacher, S., Co., Inc.... 33
Schwarz Laboratories, Inc.... 52
Scientific Filter Co.... —
Seil, Putt & Rusby, Inc.... 52
Sharples Solvents Corp.... —
Sherka Chemical Co., Inc.... 41
Sherwood Petroleum Co., Inc.... 49
Skelly Oil Co.... —
Smith, Kline & French Laboratories... —
Snell, Foster D., Inc.... 52
Solvay Sales Corp.... 26
Sonneborn, L., Sons, Inc.... 60
Southwark Mfg. Co.... —
St. Joseph Lead Co.... —
Staley, A. E., Mfg. Co.... —
Standard Ultramarine Co.... 33
Stauffer Chemical Co.... 26
Stillwell & Gladding.... 52
Stroock & Wittenberg Corp.... —
Sundheimer, Henry, Inc.... 25

Taintor Trading Co.... 35
Tamms Silica Co.... 35
Tennessee Corp.... 25
Texas Gulf Sulphur Co., Inc.... —
Thurston & Braidich.... 35
Titanium Pigment Corp.... —
Todd, A. M., Co.... —
Turner, Joseph, & Co.... 25

Ultramarine Co.... —
Union Carbide & Carbon Corp.... 2
United Clay Mines Corp.... —
U. S. Industrial Alcohol Co.... —
U. S. Industrial Chemical Co.... —
U. S. Phosphoric Products Corp.... 25
United States Potash Co., Inc.... 51

Vanderbilt, R. T., Co., Inc.... —
Victor Chemical Works.... 26
Viking Distributing Co.... —
Vitab Products, Inc.... —
Vol-U-Meter Co., Inc.... 33
Vorce, L. D.... 52

Wecoline Products, Inc.... 37
Werk, The M., Co.... 37
Wiley & Co., Inc.... 52
Will & Baumer Candle Co.... —
Williams, C. K., & Co.... —
Wishnick-Tumpeer, Inc.... 8
Witco Carbon Co.... —
Woburn Degreasing Co. of N. J.... —
Wolf, Jacques & Co.... —

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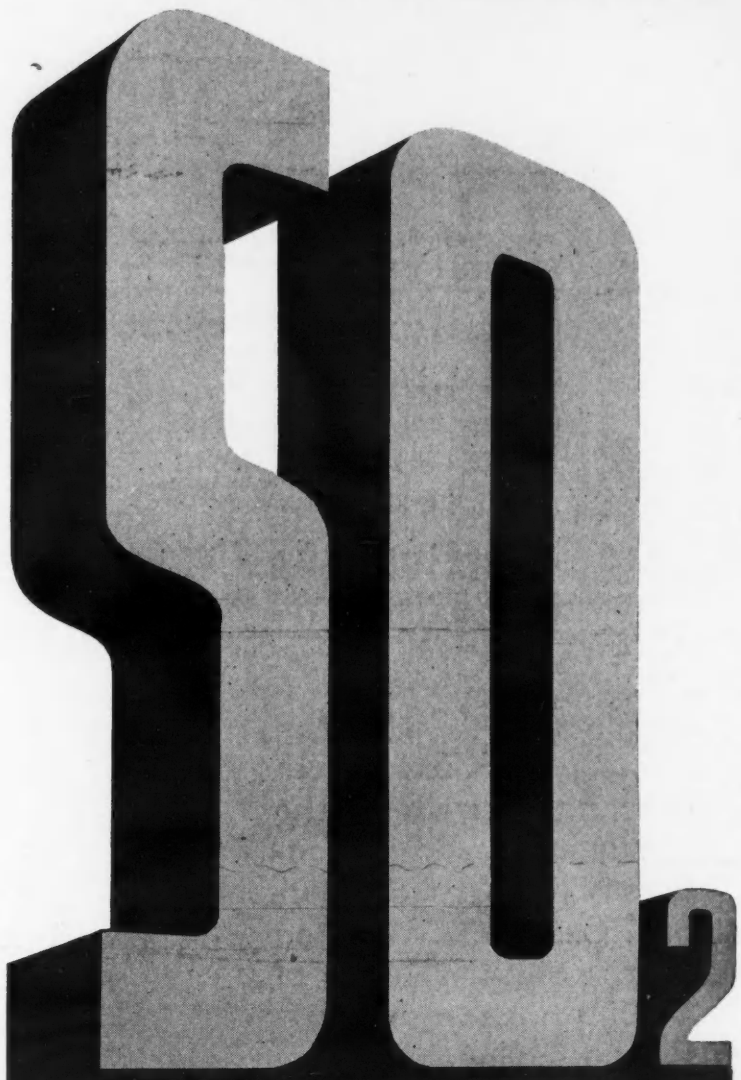

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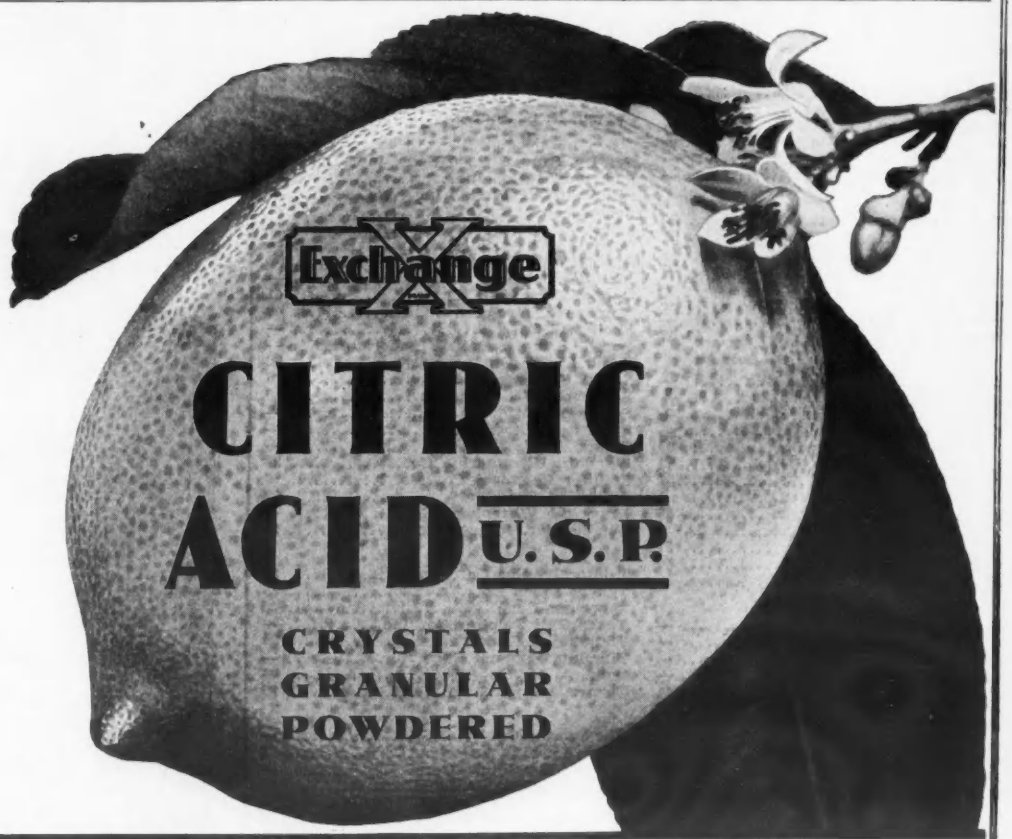

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